

H. CANNELL & SONS

Complete
Catalogue of

F.R.H.S. M.S.A.

H.M.C.A.B.

PERFECT

GOLDEN SEEDS

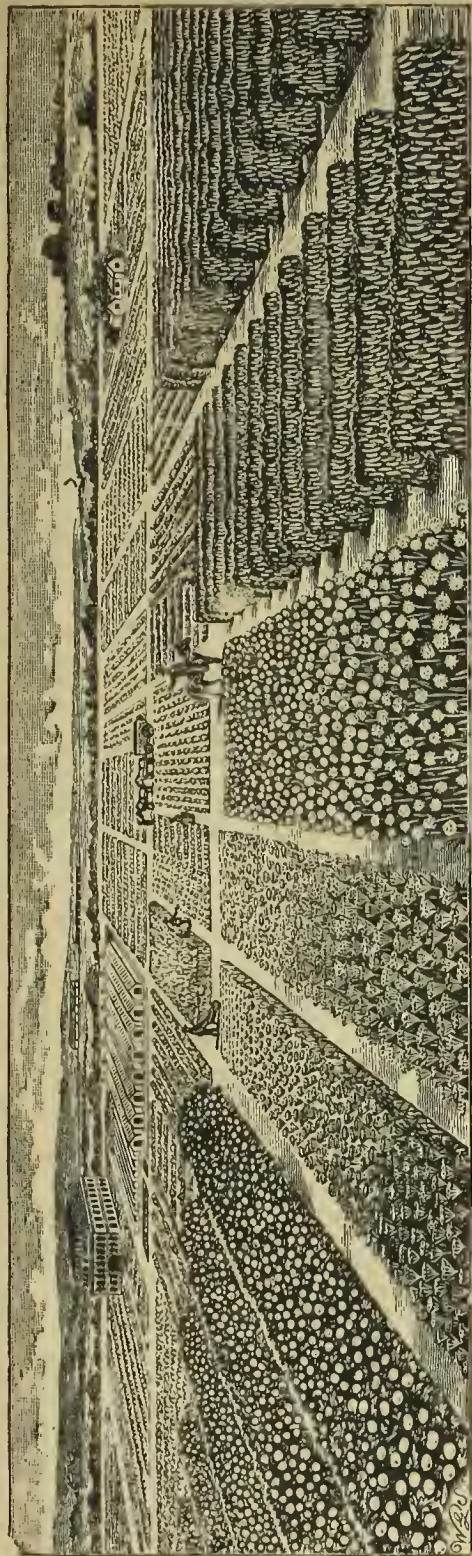


FORGET ME NOT.

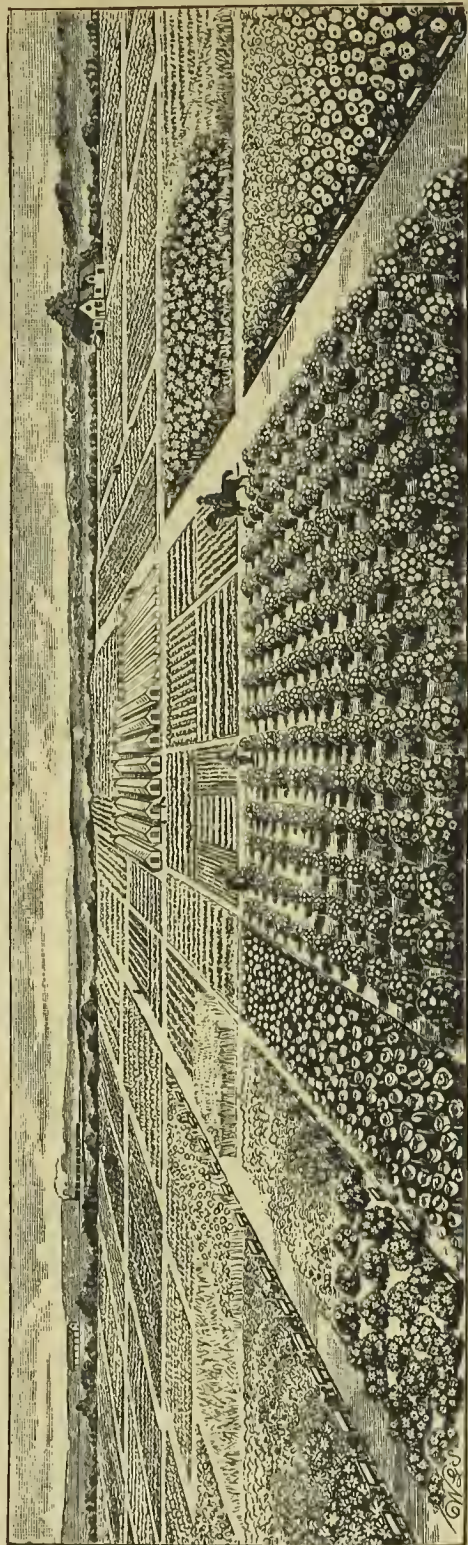


ONLY DIRECT FROM US,
THE ACTUAL GROWERS, FROM THE
BEST SPOT IN THE **WORLD**
FOR PRODUCING THEM: 300 ACRES.


Swanley & Eynsford, Kent.



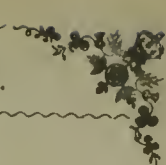
H. CANNELL & SONS' VEGETABLE SEED GROUNDS AT EYNSFORD.



H. CANNELL & SONS' FLOWER SEED GROUNDS AT EYNSFORD.



Cannell & Sons' Complete Seed Guide.



Henry Cannell, Henry Cannell, Robert Cannell, Ernest Cannell.

.....

WE never had occasion to address our kind Patrons with such pleasure and confidence. The past season has not been so favourable as previous ones, yet our seeds are in splendid condition. Thanks to our sunny position and drying rooms, you will find them very different to those in the Midland and Northern Counties. Our 14 foremen (having a real interest in the business), together with our climate, soil, and position, are not equalled by any other firm. We are, indeed, proud to inform you that the Seed portion of our business has made a tremendous leap—seeds giving more than satisfaction everywhere. Much of this success is due to the two persons shown on next page, whose sole energy and pleasure are devoted to this important department. Our ground is in better order, and our facilities for gathering seeds more complete; and we are certain whoever has our seeds will never forget their splendid results. This success has enabled us to make such arrangements that we can execute any quantity of orders per day that we may have the good fortune to be favoured with, assuring one and all that they will be delighted with whatever we may have the pleasure of sending them.

Cannell & Sons' Complete Seed Guide.



ROBERT CANNELL
Who grows the "Golden Perfect Seeds"
at Eynsford.



WILLIAM WILLIS
Our Seedsman, who prepares and
supplies them.

A GLOSSARY OR EXPLANATION OF THE COVER OF OUR CATALOGUE.

1. First, on the top is our name. From the flattering expressions of joy and satisfaction received from the numerous visitors to our Nurseries (many from the most remote and distant parts of the world) for what we have sent them for many years, we have good evidence that our name and reputation stands high in the estimation of people, and our yearly increase besides proves it is so; and if we venture to take advantage of personal expressions as those undermentioned, which is of course gratifying to hear, that must be our excuse for repeating them.

"Mr. Cannell, you make my garden and house like dear old England."

"Mr. Cannell, you are in reality the world's comforter."

"Mr. Cannell, I lost a lot of money and vexation in getting seeds and plants until I heard of your firm."

"I don't mind going back to Australia now that I know I shall be able to get all I want from you and receive your catalogue."

Such are the expressions often heard.

Cannell & Sons' Complete Seed Guide.

2. F.R.H.S., *H.M.C.A.B., M.S.A. H. CANNELL, Sen., has been for many years one of the most active Two Guinea Fellows of the Royal Horticultural Society—many years acting on committee. Here we have every opportunity of seeing, examining, and discussing with the best authorities all the new and rare plants, fruits, vegetables, and appliances from all parts of the world immediately they are exhibited.

*H.M.C.A.B. (Honorary Member of the Cercle d'Arboriculture of Belgium).—This honour was conferred after the Society visited this country in 1883, making our establishment their first great sight.

3. He is also a Two Guinea Member of the Society of Arts, where all designing, instruments, and papers of the highest scientific information are read and discussed before the highest learnt men in the world, which gives us splendid opportunities on most valuable questions of the day, especially that alluding to horticulture.

4. We might also mention our name is entered in the record of valuable inventions and discoveries at the British Museum, as having introduced the system of top heating, which has proved the highest advantage to mankind.

5. Golden Seeds.—The great success of having grown all sorts of seeds in the warmest and most sunny spot and best adapted soil in England, has proved an immense advantage to the entire world; and this invaluable discovery has already, and will more and more as years roll on, become of the highest possible importance. Seeds that we used to think could only be grown good in foreign parts, we now put them to the severest test when placed side by side with our (see report, page iv.)



so much so that, as large as our plant orders are, our seed orders, by force of real quality, are the largest now.

6. Rising Sun.—This indicates that we are favoured with more sun, and, of course, heat and light, that gives riches and life, which is necessary for all crops—thus seeds of the highest colour and plumpness; and further, they not only possess a golden gloss, which indicates the highest quality, but they afterwards bring gold to the sower, and afterwards a large order—hence the *Golden Seeds*.

7. "Perfect Seeds" is also our registered trade mark, the force and weight of so many testimonials eulogising our own grown seeds. Sending them direct from our fields to the sower at a cheap rate, and of a superior quality, forced us, as it were, to protect this, what was formerly thought almost an impossible title; but the many thousands of proofs have more than justified this assertion, for many have said that our seeds have proved it by their magnificent results all over the world.

8. Our first trade mark, "Forget-me-not," will be found on one side. This has brought smiles and pleasure to many hundreds of lovers, and the dearest friends have enclosed it, when corresponding, to show its value. We have been offered £100 for its use, and, of course, refused with thanks. We have no doubt young people will long continue to use it, and may it bring them much joy.

PRIMULAS.

The greatest triumph ever achieved in Flower Culture, since the world began, for the benefit of mankind.

For many years we have exhibited and far distanced all other competitors, and for years no one dare compete; but the greatest victory, and the most extraordinary and unheard of, was a collection shown at the Drill Hall, before the Floral Committee of the R.H.S., February, 1891. All the daily papers spoke highly of them. The *County Gentleman's* report will give an idea of the substance of the whole.

Cannell & Sons' Complete Seed Guide.

The "County Gentleman," 14th February, 1891, says our Primulas, shown at a Meeting of Royal Horticultural Society, were so luxurious in their growth and blooming that it was difficult to believe they had relationship with those we are so accustomed to see. They received the highest award.

In the group we showed a dozen plants of each of the new ones called *Kentish Fire* and *Eynsford Purple*. (To be sent out next year.) The first is a scarlet and the latter a purple, totally setting aside all others of their class. Both of them were awarded a Certificate of Merit by the greatest experts in the world. Now, please remember, a Primula must be good indeed to command this award; also it is interesting to state that beneath the saging—Mr. J. Douglas and others will bear witness—we had other varieties still further in advance (these are not yet named); and what was much more extraordinary, we brought out another kind still further in advance, both in size and colouring, being almost as brilliant and dazzling as a Zonal. From being a member, and in constant attendance, of the Floral Committee ever since its commencement, and otherwise acquainted with the greatest crosses of the last thirty years, I have great pleasure in stating this to be a fact. This shows the extraordinary position we hold above all other growers. It will be seen we could have carried off six awards on that occasion had it been wise to have brought them out. (See page 133.)

OUR ASTER FIELD.

TO give an idea of the extent of our seed growing—particularly Asters—which do so wonderfully well, yielding seed equal to what is usually supplied from the Continent, and which we guarantee to give more than satisfaction. We have hundreds of testimonials praising our Asters. The last three years all, or nearly all, the seeds are of our own growing. This is the first occasion of our saying so. The following report will go far to prove our assertions as being correct:—

Reprinted from the GARDENERS' CHRONICLE.

OUR SEED FARM.

GLAZING with a somewhat dreamy air at a few Asters in pots, sent up from Chiswick to the James Street Drill Hall the other day, Mr. H. Cannell sententiously remarked that he had a grand lot just then in bloom at Eynsford, and invited me to go and see them. The invitation was too tempting to be declined, and accordingly a few days later I found myself with my energetic host standing out on the side of the hill which slopes southwards to the Eynsford valley, looking upon what can be truly described as one of the finest shows of Asters I have seen. As under the force of the prevalent strong wind, the rich masses of coloured flowers surged to and fro, sometimes in broad sunlight, sometimes in shade, it was not possible to refuse a warm tribute of admiration for a most beautiful as well as brilliant floral spectacle. There are large breadths of *Quilled*, of *Victoria*, of *Penny-flowered*, of *Pompon*, of *Emperor*, and other sections, in mixed colours, and very beautiful they are, because of the bizarre colouring found in some twelve or fifteen diverse forms or markings thus interspersed; still further, the mixtures are of special interest, because these include some lines or markings not found in the selected colours, and thus furnish the ground-work of further selections of special merit. Still, the best effects are found in the big blocks or masses of colour, which hundreds of plants, all of one hue, produce. Because rather the earliest perhaps, the *Pæony*, or incurved-flowered, seemed, at the time of my inspection, to be the most brilliant, because the most fully in bloom; and some of the colours were indeed glorious under the sunlight—so telling, in fact, as to almost beggar description. Although growing, as it were, under field culture, and out on the exposed, breezy hillside, yet the flowers are in all cases of splendid quality. I have never seen better under ordinary culture, or plants more profusely blooming.

Mr. Cannell is growing these Asters for seed production, and without doubt he starts in the production of home-raised seed with very fine strains, the flowers being as perfectly double as well as they can be. As evidence of the variety, it may be mentioned of the *Pæony* flowers: Blue and

Cannell & Sons' Complete Seed Guide.

white-striped; claret-purple, an intensely glorious colour: rosy-carmine, singularly beautiful; fiery scarlet, a grand colour; magenta, also very brilliant; lilac, dark blue, light blue, pure white, crimson and white striped, violet and white-striped, and rosy-crimson; a splendid selection in twelve diverse colours or markings. Next came the very popular and sturdy-growing *Victorias*. These all have flattish reflexed flowers, and almost always take the first place at exhibitions. Some of the tints on these resemble those of the *Paony*-flowered, but still seem diverse, because seen on the obverse sides of the petals. The deep lines of the *Paony* flowers are, doubtless, largely due to the fact that only the under-sides of the petals are seen. In the *Victorias* the most striking colours were light blue, rose, flesh, white, violet, dark blue, peach, crimson, lilac, dark blue with white stripe, and rose with white stripe. The bulk of the plants in this section ranged from 13 to 14 inches high. In all cases also the respective colours were very true. Singularly charming, whether grown in the open or in pots, or to furnish flowers for cutting, are the imbricated or pointed-petalled *Pompons*. The flowers are of medium size, borne on fairly long stems, and the plants bloom most abundantly. More delightful *Asters* for bouquets can hardly be conceived. In the section are also some very glorious colours, such as blood-red, rosy-carmine, deep reddish-rose, violet, and deep blue; also charming are pure white, rose and white stripe, crimson and white, and blue and white.

The *Mignon* *Asters* specially claim attention, because of their adaptability to furnish cut flowers. The blooms are of the most perfect reflexed form, and of medium size; the plants are about 14 inches in height, and bloom profusely, furnishing a supply of flowers over a long season. The most striking colours in these are pure white, carmine, blue, red, and purple; a new variety named *Snowball*, very perfect in form, is but a selection from the white *Mignon*; still, it is a most pleasing variety, and grown for late flowering in pots under glass, will rival white *Chrysanthemums* in the market. There is here at Eynsford a very early bloomer, the flowers semi-quilled, or hedgehog-like, named *Pride of the Market*, that is one mass of bloom. It should, by those who want white flowers early, be sown to precede the white *Mignon*. The dwarf *Chrysanthemum*, or market section, is also well represented. Some of these—the *Fiery Scarlet*, for example—make wonderfully effective bedding plants. The blue, purple, crimson, white, and deep scarlet forms are grown by myriads for lifting into pots for the London market, and Mr. Cannell is well provided with a fine strain. *Giant Emperor Aster* carries one huge reflexed flower only in several colours; whilst thus lacking the effectiveness found in branching *Asters*, this variety produces huge flowers for exhibition. The *Washington* is also a large-flowered *Aster*, flattish in form, and found in several colours. There are still the somewhat fine large-petalled forms now known as the *Comet Aster*, the best known type of which is pink with white stripe, but pale blue and peach are also found in the section. The old crown-flowered, or *Cocardean* also merits notice, because of the white crowns or centres to the flowers. A very striking incurved *Aster* is *Jewel*, because the flowers are so perfectly ball-like that they exactly resemble a pink incurved *Chrysanthemum*; indeed, it would need keen discrimination to detect the difference. The *Shakespeare* *Asters* include some odd dwarf branching forms, one of which, almost black with white centre, is novel and pleasing; whilst many of this section are quaint in colour, or in the markings of the flowers, yet they fail to emulate altogether the exceeding brilliancy and beauty found in the older and more justly popular sections. Such is the wealth of material for note, taking both vegetables and flowers, found at Eynsford that great self-denial is needful to check too much scribbling. Away on the top of the hill-side, vegetables, such as Onions, Carrots, Parsnips, Celery, Peas, Beans, &c., with various varieties of the Brassica family, are seeding well, or have done so, and are now being harvested, or cleared out. The rich, quiet valley, and the lofty breeze of the hill sides, enable Mr. Cannell to find sites for all classes of flowers and vegetables, and from the upper heights we look down, not only upon *Asters*, but also upon Marigolds, Lobelias, Nasturtiums, Antirrhinums in several distinct and rich colours; Stocks and Annuals, both hardy and tender, are in rich and varied profusion. As we are driven back by the narrow lanes, through a beautiful country, as fertile as beautiful, we are taken through a lane the sides of which are literally avenueed for a mile long with Damson trees heavily laden with fruit. What would be the fate of both trees and fruits were a score or two of town-dwellers, “‘Arrys” and “‘Arriets” of the alleys of London turned loose amidst this peaceful scene of plenty, all too well know. May this place never know of such an irruption. Back to Swanley, passing on the way that monster town of glass which Mr. Ladds has erected there, and which is of itself enough to astonish all not conversant with the Kent market trade, by extensive tree-fruit orchards, by hundreds of acres of Strawberries or Currant bushes, again to Mr. Cannell's own Kentish wonder, his literal home of flowers, where just now, excelling all others, the *Begonia* presents, not only outdoors but in house after house, a spectacle so beautiful and extensive as to almost take one's breath away, and lead to wonder, after the *Begonia* has satiated us, what other flower can possibly hope to excel or succeed it. Others may, indeed, have grand collections of *Begonias*, but at least Mr. Cannell has just now one of the finest and most brilliantly beautiful collections, in wondrous variety of colour, both double and single, ever seen.—A.D.

Cannell & Sons' Complete Seed Guide.

THE VALUE OF PERFECT SEEDS.

UPON these, the hope, pride, pleasure, and satisfaction of the garden entirely rest during the whole year. We have often seen people admire inferior productions and been contented, but the moment they see something vastly superior, then comes the great surprise and astonishment that they should have been so long satisfied with what they have had. There are many thousands standing in this position all over the country. Now, we will ask you how all the following gentlemen, who are perfectly unknown to each other, therefore cannot have the slightest interest or feeling beyond stating facts concerning our seeds, for the sole purpose of showing satisfaction they have given, and no doubt the great object they had at heart was to benefit their fellow countrymen. It is now an acknowledged fact by all who have had them that they are the best ever offered in Europe.

FREE CARRIAGE OF SEEDS.—We send all Vegetable and Flower Seeds carriage paid to any place in the United Kingdom, excepting Peas and Beans, when ordered alone in small quantities, as in many such cases the carriage nearly, if not quite, absorbs the value of the goods.

Potatoes and sundries are only sent free if the value amounts to 20s. and upwards, unless forming part of a general seed order, when we send the whole carriage paid.

EMPTY PACKAGES.—We charge at cost price, and allow for in full if returned in good condition and *carriage paid*, and must be in all cases accompanied with sender's name and address in full.

Mr. J. MASSON, Chairman, Heathfield Mutual Improvement Society,

The Gardens, Tootingworth Park, Heathfield, Sussex, *June 13th, 1891.*

I consider it an act of courtesy to tell you that in a Cabbage Competition held on the 11th inst., open to cottagers and amateurs in a five mile radius of Heathfield Church, Cannells' *Defiance* was easily placed first and second.

Mr. R. KILSBY, The Gardens, Abber Rectory, Blandford, *September 17th, 1891.*

The Stocks, Asters, &c., are the finest I have ever seen or grown; Parsley, superb; Lettuce, all that can be desired.

Mr. W. TALBOT, Pillaton, near Penkridge, *September 21st, 1891.*

All the seeds have given great satisfaction, for I have had the finest blooms anywhere round. I took fifteen prizes at the show for vegetables, all from seed supplied by you.

Mrs. SCOTT, Burley-on-the-Hill, Oakham, *December 7th, 1891.*

All the seeds I had from you did splendidly, giving me great satisfaction, and all being well I shall have all my next year's supply from you.

Mr. W. DIDDAMS, Gardener to Col. PUOT, Poynter's Grove, Totteridge, *October 29th, 1891.*

You will be glad to hear that the Tuberous Begonia seed we had from you made quite a sensation amongst our friends here, also the Asters were the best I ever saw. All the seeds gave satisfaction.

Mr. B. MCGORMLEY, Gardener to the EARL of ROSSMORE, Monaghau, *September 5th, 1891.*

All the seeds we had from you have given the greatest satisfaction.

Mr. M. COLLINS, Head Gardener District Lunatic Asylum, Cork, *October 9th, 1891.*

I have great pleasure in testifying to the excellent quality of the seeds supplied by you, both as regards their certain germination and being true to name. I have measured some of your Pansies $3\frac{3}{4}$ inches across. Your *Caesus* Dahlia seed has far exceeded my expectation. The Asters were the admiration of all; a friend of mine asked me, jocularly, if they were Japanese Chrysanthemums.

Please keep this Book for reference.

Cannell & Sons' Complete Seed Guide.

CANNELL & SONS'
LIST OF NEW AND IMPROVED
Vegetables for 1892.



ONION, CANNELLS' NE PLUS ULTRA—A thoroughly reliable variety; very hardy, s. d. does well in any soil, but of course better the soil the heavier the crop. May be sown either in spring or autumn. It is a heavy cropper, and produces handsome bulbs of a somewhat globe shape. Really good and useful for all purposes, and suitable to all growers of this vegetable—in fact, it is what we might term a knockout Onion, and not an old variety with a new name per pkt. 1 0

PEA, SENSATION.—The raiser describes this Pea as follows:—"A new Wrinkled Marrow" of exceptional excellence, surpassing any variety in cultivation both as to size, flavour, and its extraordinary yielding powers. It grows 3 feet high, and owing to its vigorous habit, half the quantity of seed usually sown will suffice." Stock limited

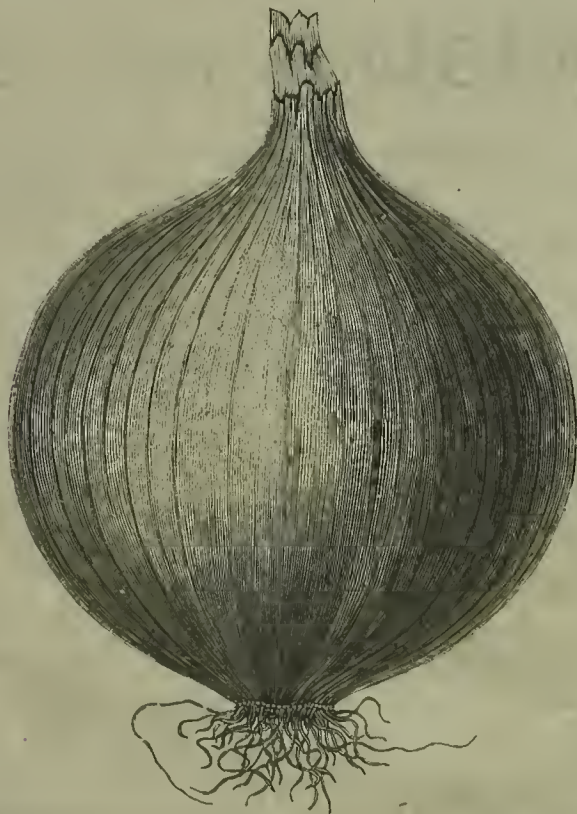
In sealed $\frac{1}{2}$ -pint packets 1 6

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PEA, CONSUMMATE (*Eckford*)—Awarded a First-Class Certificate by the Royal Horticultural Society. A main-crop green Wrinkled Marrow, producing a great abundance of long well-filled pods; a pea of exquisite flavour. Being dwarf and a very heavy cropper, it is well adapted for field culture. Height, 2½ feet.

s. d.

In sealed ½-pint packets 2 0



GOLDEN BALL.

GOLDEN BALL ONION—The finest Globe Onion in cultivation, a very heavy cropper, growing to a large size, with small neck, and bulb a beautiful globe shape. It is an excellent keeper, and a capital variety for exhibition. It has been carefully selected, and saved from bulbs of large size and perfect shape Per pkt. 1 0

PEA, COLOSSUS (*Eckford*).—A second early Wrinkled Pea, with very long well-filled pods of a light green colour, many containing twelve large peas of the finest flavour; a great cropper. Height, 5 feet in sealed ½-pint packets 2 6

PEA, JUNO (*Eckford*).—A wonderfully fine late dwarf variety, very prolific, with the quality of *Ne Plus Ultra*, but growing only 18 inches high ... in sealed ½-pint packets 2 0

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PEA, SHROPSHIRE HERO (*Eckford*).—A second-early dwarf Wrinkled Pea. Robust s. d.
and productive. First-Class Certificate Royal Horticultural Society per pint 1 0

LAXTON'S "TITAN" RUNNER BEAN—The A1 Scarlet Runner. Twice the size and substance of any other variety. Raised from a very fine selection of the *White Czar* crossed with the *Girford Giant*. *Titan* is a great advance on both its parents. The enormous yet handsome broad and straight pods, produced in clusters, are quite as large as those of the *Czar*, but straighter; very fleshy, and almost stringless up to maturity, and when cooked are of great delicacy. No other Scarlet Runner Bean approaches this in size, appearance, and productiveness, and I feel confidence in asserting that *the pods are twice the size of those of any other Scarlet Runner*. The advantages attending these large Beans have hitherto hardly been sufficiently appreciated, as they are quickly and easily gathered, and the growth being rapid, the pods may be eaten of considerable size, the fleshy portion largely predominating even in full-sized pods: the great breadth of the pod also renders them better adapted for slicing. *Titan* is also a very hardy Bean, and the seed, which is very large, ripens earlier than that of the *Czar*, rendering this new variety not only the finest but the most useful and profitable to grow either for table or market, while for exhibition purposes it is unequalled.

Original sealed packets 1 6



THE MONARCH.

CAULIFLOWER—THE MONARCH.—A very distinct and unique autumn variety of South African origin. The heads are very handsome, large, firm, and snowy white, close and compact, and of the finest quality. They are well protected by the foliage—which is of a distinct glaucous green colour—until ready to cut, when the leaves fall back and expose a magnificent head. The growth is vigorous, and the raiser says it is remarkable for its certainty to head and immense size. The head (from a photograph of which our engraving was taken) weighed no less than 14 lbs. It should be sown as early as possible in the Spring.

Sealed packets, 2s. each.

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BROCCOLI, APRIL QUEEN.—One of the finest sorts yet introduced; ready for use in s. d.

April and May. The heads are very large, are beautifully white and delicately flavoured; the leaves are large and abundant, folding closely over and perfectly protecting the flower in sealed pkts. 1 6

BROCCOLI, METHVEN'S JUNE.—This is the latest Broccoli in cultivation, producing fine pure white heads till nearly the end of June. It is very hardy, standing the winter better than any other sort. Sow in April, and plant out as soon as ready. In sealed pkts. 1 6

TOMATO, CHALLENGER.—Granted an Award of Merit by the Worshipful Company of Fruiterers at the Guildhall Exhibition, 1890.—This is, without doubt, a great acquisition to this popular vegetable. As proof of its superiority we may mention that out of nearly thirty varieties exhibited at the Great Fruit Exhibition at the Guildhall recently, only two were deemed worthy of certificates, Challenger being one of them. The fruits are borne continuously in clusters of eight, ten, and sometimes more, are of medium size, very solid and heavy, bright scarlet colour, excellent flavour, very fleshy, and with but little core, a grand exhibition or market kind—in fact, the nearest approach to perfection in the Tomato of any we have yet seen. It is alike good under glass or in the open, but is preferable for indoor culture on account of its tall growth and profuse bearing qualities per pkt. 1 0

PEA.—THE STANLEY.—The raiser claims for it the following advantages:—

1st. It has a beautiful, large, well-filled pod, larger than those of *Stratagem*, or nearly as large as *Telephone*.

2nd. It is a tremendous cropper.

3rd. It has a dwarf stocky vine, and needs no sticking.

4th. It is very sweet, inheriting from both parents (*American Wonder* and *Telephone*) their delicacy of flavour. As seen in the field, growing with other standard varieties, it is conspicuous for its large foliage, its strong, stocky growth, and the abundance of large, handsome, pods. In rich soil it grows about 18 inches high, and the full-grown pods often measure four inches in length by over two inches in circumference. Eight green pods weighed a quarter of a pound. They mature very evenly, so that almost the entire crop can be taken at one picking.

In sealed packets, 1s. each.



Cannell & Sons' Complete Seed Guide.

"THE GARDENERS' MAGAZINE," October 3rd, 1891, says:—

The great seed farm belonging to the Messrs. Cannell at Eynsford has been previously described in these pages, and to refer to it at length is not now necessary. That it occupies one of the most delightful spots in Kent has been already pointed out, and it may now be pointed out that recent experience has more than justified anticipations as to the suitability of the farm for the growth of the various seeds required in the garden. This year its natural advantages have been brought out in the most prominent manner, and it was interesting to note that, notwithstanding the fact of the season being decidedly unfavourable to the ripening of seeds of all descriptions, the crops grown on sunny slopes at Eynsford were being harvested in excellent condition. It was interesting to pause before great breadths of asters bearing flowers of superb quality, and to learn that they were the produce of seed harvested the previous year at Swanley. We have previously directed attention to the practicability of producing aster seed in this country for commercial purposes, and we were highly gratified to meet with such a striking proof of the correctness of our views upon this important question. Equal attention is paid to vegetables as to flowers, and special mention must be made of Wilson's Ashtop potato, earlier and more profitable than the Old Ashleaf; Cannells' Giant Cos, one of the finest of the types of Paris White Cos; Cannells' Ne Plus Ultra onion, an improved Wroxtton, having large, globular bulbs; Defiance cabbage, one of the best types of this useful vegetable; and Cannells' English Wonder pea, a dwarf, wrinkled marrow, which promises to supersede all the dwarf varieties in cultivation. It attains a height of about 12 inches, is tremendously productive, the pods are tightly packed with medium-sized peas, the average number in the pods being ten, and these are of a bright emerald green, and delicious in flavour when cooked.

In a walk over the Eynsford Farm many objects of interest claim attention, but none are likely to make a more lasting impression upon those who take an interest in rural economy than to see the magnificent crops of potatoes that are being lifted from some 70 or 80 acres of land that previous occupiers of the farm regarded as not worth cultivating, and to meet with an army of men and boys when previously six or seven hands were considered sufficient for the proper cultivation of the land.

G. FOUST, Rhinebeck, New York, U.S.A., *November 27th, 1890.*

H. CANNELL, SEED., Esq.

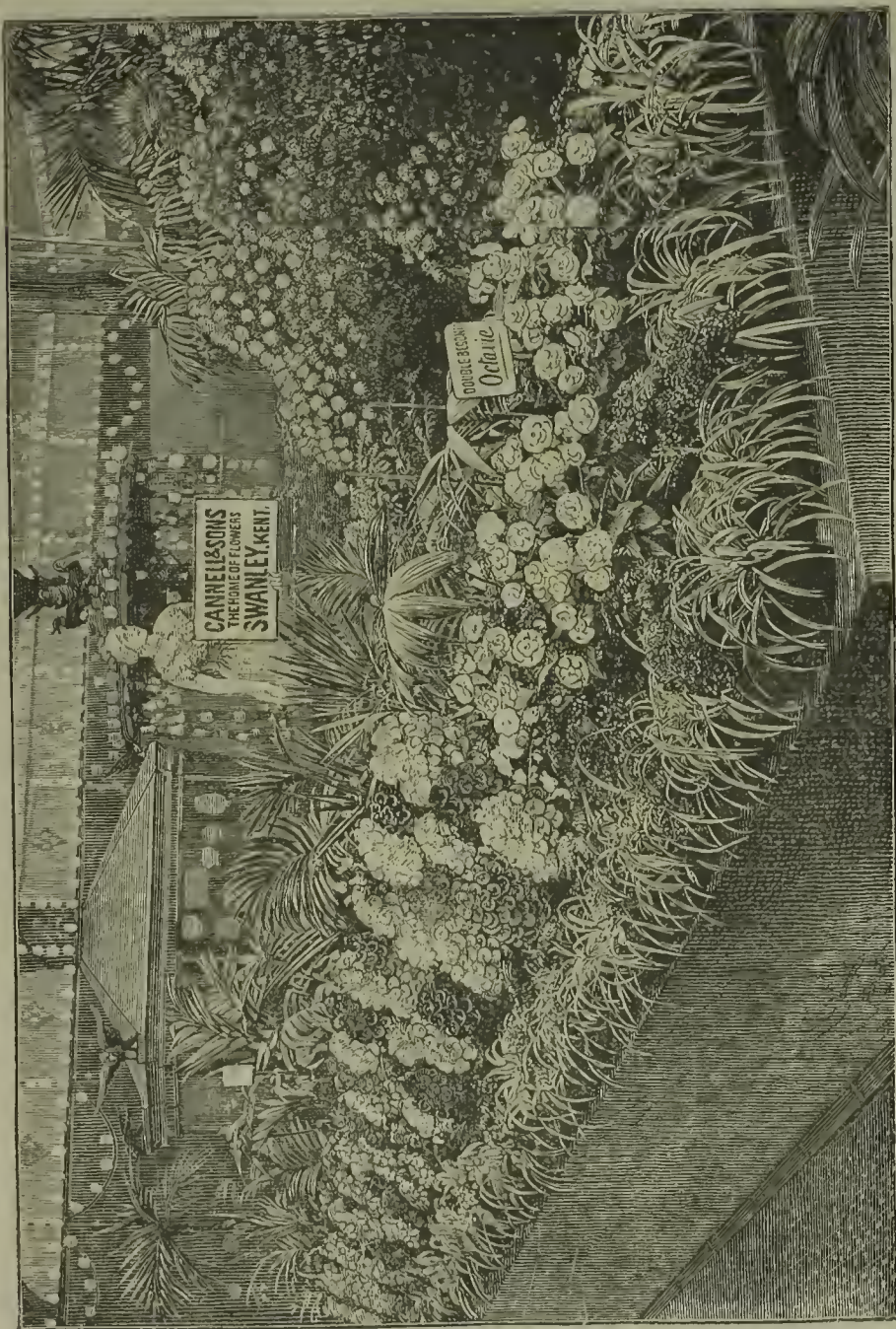
DEAR SIR,—Last season my son was working for H. Low & Sons, and on returning to America brought me a paper of Double Begonia seed from your house, and also from other growers. Their seed did not come up, but what a surprise yours was! I had some such as were never seen here before—notably a white 4 inch, and as fine as any Hollyhock, beating others into a cocked hat.

R. C. WILLIAMS, Gardener to the Earl of Lisburne, Crosswood Park, Aberystwith,

March 4th, 1891.

Your Cinerarias at the present time are a grand show. I have three strains growing, but yours are decidedly the best, and can be picked out at once. As you are aware, I have sent for some seed of your strain again this year; the same with the Primulas, which are equally as good.

Cannell & Sons' Complete Seed Guide.





H. CANNELL & SONS'

(F.R.H.S., M.S.A.)

Complete and Illustrated List

OF THEIR OWN TRUE

HOME-GROWN AND SAVED



VEGETABLE * and



FLOWER * SEEDS

For 1892,

DIRECT FROM THEIR FIELDS OF 200 ACRES.

Everything for the Garden and Greenhouse supplied.

HORTICULTURAL FARM, EYNSFORD.

HENRY CANNELL & SONS,

Seed Merchants and Nurserymen,

SWANLEY, KENT.



Cannell & Sons' Complete Seed Guide.

Eynsford Horticultural Society.

A Challenge to all other Societies in Kent.

ALL FROM CANNELLS' SEEDS.

AN interesting account is forwarded us of the proceedings at the dinner, given to members of the Eynsford and District Cottage Gardeners' Society, at the "Five Bells" Inn, by Messrs. Cannell & Sons, of the Swanley and Eynsford Nurseries. An invitation had been circulated among the members of the Society to bring to the dinner each a dish of hot cooked potatoes, and the first business consisted of "sampling" some twenty-five dishes of the vegetable and deciding on their various merits. After a careful test, the palm was awarded to a new variety raised by Mr. Robert Cannell, and known as "Our Seedling," the next in order of merit being Cannells' Victory, followed by White Beauty, Snowdrop, and American Rose, in the order named. After the tables had been cleared, Mr. H. Cannell occupied the chair, and Mr. J. D. Abbott, Sir W. Hart-Dyke's gardener, the vice-chair. The chairman, after expressing the pleasure it gave him to meet the members of the Society, said he had decided to offer £6 in prizes at the Society's show next year, and it was for those present that night to decide the terms of the competition. The vice-chairman, in proposing "That the best thanks of the Society be given to Messrs. Cannell for their generous offer," said he was sure that every member would agree with him that it was a great honour for them to have such eminent horticultural authorities as Messrs. Cannell among them, and he was sure the chairman's able address would stimulate them to further efforts than they had yet made. It was eventually decided that the competition should take the form of a collection of eight varieties of vegetables, selected from the exhibits of the Eynsford Society on the day of the Show, matched against a similar collection of eight varieties exhibited by any other similar society in Kent, the prizes to be divided as follows:—First prize, £3; second prize, £2; and third prize, £1; the proviso being inserted that no one society should take more than one prize. The particulars of the special prize competition will be forwarded to all neighbouring societies, and it is hoped that a good show on August 17th next will result.

We intend to make this a gala day, the Show being held in the grounds of — Crossley, Esq., and only a short distance from our establishment at Eynsford. We should be much pleased to meet as many friends as can make it convenient to attend; and we need hardly say to all lovers of horticulture that they would be highly interested, and particularly if they visited our Swanley Nursery, which is too well known for us to make any further reference.

The Eynsford Horticultural Society has long carried all before it at neighbouring shows, so much so that it is excluded from exhibiting; and now, from the fact of such productive seeds being produced in the Parish giving it such impetus, it has decided on challenging the whole of Kent.

Cannell & Sons' Complete Seed Guide.

CANNELLS' COLLECTIONS OF HOME GROWN PERFECT SEEDS,

FOR PRODUCING

A REGULAR SUPPLY OF VEGETABLES ALL THE YEAR ROUND.

CARRIAGE FREE.

We have one of the most complete Kitchen Gardens in England, and everything therein to supply our customers at the very cheapest rate and best in every way.

We cannot allow any reduction in the prices of these Collections, but shall be pleased to make slight alterations in contents if desired.

No. 1.—Price 2s. 6d., for a Cottage Garden.

No. 2.—Price 5s., for a Cottage Garden.

No. 3.—Price 7s. 6d., for an Amateur's Garden.

No. 4.—Price 10s. 6d., for a Small Garden.

Peas—For succession...	...6 pints	Cress—Plain and Curled	...2 ounces
Beans—Broad	...2 "	Cucumber—For outdoors	...1 packet
" —Scarlet Runners	... $\frac{1}{2}$ pint	Leek	...1 "
" —Dwarf	... $\frac{1}{2}$ "	Lettuce—For succession	...2 packets
Beet—The best	...1 packet	Mustard—Best White	...2 ounces
Borecole, or Kale	...1 "	Onion—For Spring and Autumn	
Brussels Sprouts—Cannells'		sowing	...3 packets
Matchless	...1 "	Parsley	...1 packet
Broccoli	...1 "	Parsnip	...1 "
Cabbage—For succession	...2 packets	Radish—For succession	...2 packets
Carrot—For Winter and		Spinach—Round and Prickly	2 ounces
Summer use	...2 "	Savoy Cabbage	...1 packet
Cauliflower	...1 packet	Turnip	...2 packets
Celery	...1 "	Vegetable Marrow ..Mixed	1 packet

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No. 5.—Price 10s. 6d., Vegetable and Flower Seeds Combined.

Peas—2 kinds, early and late...	2 pints	Onion 1 packet
Beans—Runners ... ..	... ½ pint	Parsley ... ..	... 1 „
„ —Broad ... ..	... 1 „	Parsnip ... ..	... ½ ounce
Beet ... ..	... 1 packet	Radish ... ..	... 1 „
Brussels Sprouts ... ..	... 1 „	Spinach ... ..	... 1 „
Borecole ... ..	... 1 „	Turnip... ..	... 1 „
Broccoli ... ..	... 1 „	Vegetable Marrow ...	... 1 packet
Cabbage ... ..	... 1 „	Showy Hardy Annuals	... 3 packets
„ Savoy ... ..	... 1 „	Half-Hardy „	... 3 „
Celery ... ..	... 1 „	Balsam ... ..	... 1 packet
Cauliflower ... ..	... 1 „	Aster ... ..	... 1 „
Cress ... ..	... 1 ounce	Ten-Week Stock ...	... 1 „
Cucumber—Ridge ...	... 1 packet	Everlasting Flowers	... 1 „
Carrot ... ..	... 1 „	Ornamental Grasses	... 1 „
Endive ... ..	... 1 „	Sweet Peas ... ..	... 1 „
Lettuce ... ..	... 1 „	Mignonette ... ..	... 1 „
Leek ... ..	... 1 „	Sunflower ... ..	... 1 „
Mustard—White ...	... 1 ounce		

No. 6.—Price 21s., for a Medium-sized Garden.

Peas—The best for succession	6 quarts	Herbs—Sweet and Pot	... 3 packets
Beans—Broad... ..	... 5 pints	Leek—Musselburgh ...	... 1 packet
„ —French, Dwarf ...	... 1 pint	Lettuce—Cos and Cabbage, for	
„ — „ Runners ... ..	... 1 „	succession ... ..	... 3 packets
Beet—The best ... ..	... 1 packet	Melon—Choice ... ..	... 1 packet
Borecole, or Kale ...	... 1 „	Mustard—Best White	... 4 ounces
Broccoli—Finest sorts for suc-		Onion—For Spring and Autumu	
cession ... ..	... 3 packets	sowing ... ..	... 3 packets
Brussels Sprouts — Cannells'		Parsley ... ..	... 1 packet
Matchless ... ..	... 1 packet	Parsnip—Selected Hollow	
Cabbage —For succession	... 3 packets	Crown ... ..	... 1 ounce
Carrot—Two kinds ...	... 2 ounces	Radish—For succession	... 3 ounces
Cauliflower ... ..	... 1 packet	Salsafy ... ..	... 1 packet
Celery—Good varieties, includ-		Scorzonera ... ..	... 1 „
ing Cannells' Heartwell		Savoy Cabbage ... ..	... 1 „
White ... ..	... 2 packets	Spinach—Summer and Winter	
Corn Salad ... ..	... 1 packet	varieties ... ..	... 4 ounces
Couve Tronchuda ...	... 1 „	Tomato ... ..	... 1 packet
Cress—Plain and Curled	... 3 ounces	Turnip—For succession, in-	
„ —American or Land	... 1 packet	cluding Early Six Weeks...	... 3 ounces
Cucumber—Best frame and		Vegetable Marrow ...	... 1 packet
ridge varieties ... ..	... 2 packets		
Endive... ..	... 1 packet		

Cannell & Sons' Complete Seed Guide.

No. 7.—Price 42s., for a Large Garden.

Peas —The best sorts for succession 10 quarts	Herbs —Sweet and pot ... 6 packets
Beans —Broad, the best varieties 6 pints	Leek —Musselburgh ... 1 packet
„ —French, Dwarf ... 2 „	Lettuce —Cos and Cabbage, including the best varieties for succession and Autumn sowing 4 packets
„ „ Runners ... 1 pint	Melon —Choice varieties ... 2 „
Asparagus 1 packet	Mustard —Best white... 1 pint
Beet —The best, including Nutting's dark red ... 2 ounces	Onion —For summer and winter use 6 ounces
Borecole, or Kale —The best 3 packets	Orache, or Mountain Spinach 1 packet
Broccoli —Best sorts for succession 4 „	Parsley —Cannells' "Beanty of the Parterre," the finest in cultivation... .. 1 ounce
Brussels Sprouts —Including Cannells' Matchless ... 2 „	Parsnip —Including Selected Hollow Crown ... 3 ounces
Cabbage —For succession ... 4 „	Radish —The finest sorts for succession 8 „
Capsicum —Mixed ... 1 packet	Rampion 1 packet
Carrot —The best sorts for succession 5 ounces	Salsafy 1 „
Cauliflower —For succession 2 packets	Savoy Cabbage —The best 2 packets
Celery —Selected varieties, including Cannells' Heartwell White 2 „	Scorzonera 1 packet
Corn Salad 1 packet	Spinach —Round and Prickly 2 pints
Couve Tronchuda 1 „	Tomato 1 packet
Cress —Plain and curled ... 8 ounces	Turnip —Finest sorts for succession, including Early Six Weeks 6 ounces
„ —American or Land ... 1 ounce	Vegetable Marrow ... 2 packets
Cucumber —The best frame and ridge varieties ... 3 packets	
Endive 2 „	
Gourds 1 packet	

No. 8.—Price 63s., for a Very Large Garden.

Peas —Including the best varieties for succession ... 20 quarts	Cauliflower —For succession 3 packets
Beans —Broad, the best kinds 6 „	Celery —Selected varieties, including Cannells' Heartwell White 2 „
„ —French Dwarf ... 2 pints	Corn Salad 1 ounce
„ „ Runners ... 3 „	Couve Tronchuda ... 1 packet
Asparagus 1 packet	Cress —Plain, Curled, &c. ... 2 pints
Beet —2 of the best kinds ... 3 ounces	„ —American or Land ... 1 ounce
Borecole, or Kale ... 3 packets	Cucumber —Best Frame and Ridge varieties ... 4 packets
Broccoli —For succession ... 5 „	Egg Plant —Mixed ... 1 packet
Brussels Sprouts —Including Cannells' Matchless ... 2 „	Endive —Including fine Green Curled 3 packets
Cabbage —The best kinds for succession 5 „	Gourds 1 packet
Capsicum —Choice mixed ... 1 packet	
Carrot —The best kinds ... 8 ounces	

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No. 8—Continued.

Herbs—Pot and Sweet	...8 packets
Leek—The best	...1 ounce
Lettuce—Cos and Cabbage varieties	...6 packets
Melon—Choice varieties	...3 „
Mustard—Best White	...1 quart
Onion—For Spring and Autumn sowing	...8 ounces
Orache, or Mountain Spinach	...1 packet
Parsley—Cannells' "Beauty of the Parterre"	...2 ounces
Parsnip—Including selected Hollow Crown	...4 „

Radish—The best sorts for succession	...16 ounces
Rampion	...1 packet
Salsafy	...1 ounce
Savoy Cabbage—Including Drumhead	...1 „
Scorzonera	...1 „
Spinach—Summer and winter varieties	...2 pints
Tomato—The best	...3 packets
Turnip—For succession, including selected Early Six Weeks	8 ounces
Vegetable Marrow	...3 packets

No. 9.—Price 105s., for an Extra Large Garden.

Peas—Including the best varieties for succession	24 quarts
Beans—Broad, the very best varieties	...8 „
„ —French Dwarf	...4 pints
„ „ Runners	...4 „
Asparagus	...1 ounce
Beet—2 of the best kinds	...4 „
Borecole, or Kale	...4 packets
Broccoli—Including the best sorts for succession	...6 „
Brussels Sprouts—Including Cannells' Matchless	...3 „
Cabbage—For succession	...6 „
Capsicum—Choice mixed	...1 packet
Carrot—All the very best kinds	12 ounces
Cauliflower—For succession	...4 packets
Celery—Selected varieties, including Cannells' Heartwell	
White	...3 „
Corn Salad	...1 ounce
Couve Tronchuda	...1 packet
Cress—Plain, Curled	...3 pints.
„ —American or Land	...1 ounce
„ —Australian	...1 „
Cucumber—The best Frame and Ridge varieties	...5 packets
Egg Plant—Mixed	...1 packet

Endive—The best, including fine Green Curled	...4 packets
Gourds	...1 packet
Herbs—Pot and Sweet	10 packets
Leek	...2 ounces
Lettuce—Best varieties for Spring and Autumn sowing	8 packets
Melon—Choice varieties	...4 „
Mustard—Best white	...2 quarts
Onion—The best for summer and winter use	10 ounces
Orache, or Mountain Spinach	...1 packet
Parsley—Cannells' "Beauty of the Parterre"	...4 ounces
Parsnip—Including selected Hollow Crown	...6 „
Radish—For succession	...2 pints
Rampion	...1 packet
Salsafy	...1 ounce
Savoy Cabbage—Including Drumhead	...3 packets
Scorzonera	...1 ounce
Spinach—For summer and winter use	...3 pints
Tomato—Best varieties	...4 packets
Turnip—Including selected Early Six Weeks	...1½ pints
Vegetable Marrow	...4 packets

Cannell & Sons' Complete Seed Guide.

GENERAL LIST OF VEGETABLES.

TERMS OF SALE.

We grow our own Seeds, and every possible pains taken, and the strictest attention is paid, to have and supply every item as per Catalogue; but there are so many always anxious to rush into litigation for the sake of compensation for any trifle, and failures which may occur over which we have no control, that we are compelled to issue this notice:—

CANNELL & SONS give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any Seeds or Bulbs they send out, and they will not be in any way responsible for the Crop. If the purchaser does not accept the goods upon these terms they are to be returned. These conditions will be found in nearly all Seed Catalogues.

REMITTANCE MUST ACCOMPANY ALL ORDERS FROM NEW CUSTOMERS, OR SATISFACTORY REFERENCES GIVEN.

PEAS (PISUM SATIVUM).

CULTURE.—Trenching or deep digging is highly necessary for Peas, in fact all vegetable culture; even this is nearly always done as unwisely as can be. Take all the top good soil off and throw in on the second trench, keeping the top on the top, and then thoroughly break up the lower spit, which is generally very inferior, another foot; this done, the ground is then of double value—in fact, every inch of soil should be done thus, and then our crops would be for ever considerably more productive. The ground should be well pulverised, and enriched with good manure, burnt rubbish, and lime. The earliest varieties may be sown about the second or third week in November, or first week in December, another sowing in January, and continuous sowings in the order they stand, every three weeks, up to the end of July. Sow in rows four to seven feet apart, according to height, which varies wonderfully, for instance, when about five or six inches above ground; thin out if required, and properly stick. We find boards edgeways along the rows, on the windward side, capital protection. In a dry summer like 1887, when the Pea season was brought to a premature close, the advantages that may be derived from planting them in trenches were more apparent than usual. On soils of a light and burning nature, this is the only way whereby good crops of this vegetable may be ensured. If the trenches are taken out in the winter time, and the soil laid up on each side of them, it will sweeten, and when the time comes for sowing, be in a much better condition than digging can bring it to. If the refuse from the rubbish heap, mixed with its own bulk of manure, be laid in the bottom of the trenches, the roots will find their way into it, greatly to their benefit, when dry exhaustive weather comes. The difference in the yield of Peas grown in this way is great compared to the ordinary method.

SECTION I.; or, EARLIEST VARIETIES.

Height Perqrt.
in feet. s. d.

Cannells' "English Wonder."—In again offering this new and valuable first early Pea we have no hesitation in repeating all we said of it last season, when sending it out for the first time. It is, without doubt, the finest dwarf wrinkled early Pea, as we think the accompanying unsolicited testimonials and extracts from the various gardening papers will prove (see pages 8 and 9). The haulm grows from 1 foot to 16 inches high, and is covered with beautiful curved dark green pods, produced in pairs, literally packed with 8, 9, and in many cases 10 and 11 peas of first-class flavour when cooked. In fact, on looking over our large breadth when growing, we felt so confident of its becoming the leading Pea of its class that we decided to offer no other variety of a similar kind

... .. 1 3 0

Cannell & Sons' Complete Seed Guide.

CANNELLS' NEW EARLY WRINKLED PEA.



CANNELLS' "ENGLISH WONDER."

THE GARDEN, September 19th, 1891.

CANNELLS' "ENGLISH WONDER" PEA.—This is a valuable early dwarf Pea, some 16 inches in height, which has received the above name. The pods are freely borne, are long and narrow, and contain from 6 to 11 peas very closely set, of a dark green colour and of capital quality. I saw it growing at the Eynsford Seed Farm the other day, being tested for late work also, and it answered admirably. These very dwarf Peas are out of character when staked; they should be sown in rows 20 inches apart, when, as in this case, they crop profusely. Frequent gatherings of such Peas as these in September would prove invaluable to gardeners whose vegetable requirements are heavy.

JOURNAL OF HORTICULTURE, July 30th, 1891.

Mr. E. MOLYNEUX.

For some years I have depended upon *American Wonder* for supplying us with the first green peas, because of its good quality, though some other varieties are a few days earlier, and earliness is the first consideration with some people. This year I have given Cannells' *English Wonder* a trial alongside the old favourite. The result is, I find the new variety superior to the old one in every respect. The growth is similar, but the pods are larger and the Peas superior in quality. The two sorts were sown February 13th, and gathered June 23rd. They suffered much by a frost on Whit Monday, or would have been ready a week sooner.

Mr. W. BAINES, South Clifton, Newark.

English Wonder Peas are in every way a success, abundance of crop, well filled, delicious in flavour. The *American Wonder* cannot put a patch upon them—in a word, they are unrivalled, taking them all round as an early Pea. I have tried them in three different kinds of soil, and they seem at home anywhere—strong clay, strong soil, light sand.

Mr. W. E. CORDEN, W. R. Depot, Wakefield.

The *English Wonder* Pea I got from you this last spring I consider it far in advance of *American Wonder*—larger pods and better filled, and a splendid cropper.

Cannell & Sons' Complete Seed Guide.

GARDENERS' CHRONICLE, July 25th, 1891.

It is a Pea of excellent flavour, dwarf, a good cropper, and very early.

GARDENERS' CHRONICLE, July 4th, 1891.

Another good variety is Cannells' *English Wonder*, which is a very strong grower, very dwarf and prolific.

Mr. W. A. COOK, The Gardens, Compton Bassett.

English Wonder Pea is an excellent cropper, very dwarf and early, large pods, and of excellent flavour; it is a long way ahead of *American Wonder*, *William the First*, &c. It will become a most valuable variety of early work, either in pots or open border. I had a few pots, and was more than satisfied with result.

Mr. JAS. DOUGLAS, Gt. Gearie's Gardens, Ilford.

Your Dwarf Pea, *English Wonder*, is much superior to its American namesake, and a great rival to *Chelsea Gem*. It is quite distinct from either. I gave it a fair trial between the two.

Mr. T. PARKER, Town Bank Road, Ulverstone.

English Wonder Pea I had from you is really a grand Pea—nice short growth, with well-filled pods; a delicious pea.

Mr. G. WYTHES, Syon Gardens, Brentford.

English Wonder Pea is excellent in every way, and should be grown by all requiring an early Pea and large cropper. Sown a fortnight later than *American Wonder* it came in first, and what is better, it produced double the quantity, bearing longer with large pods. It is a distinct advance, and should find great favour as a first early, and for gardens where room is valuable it should be largely grown.

	Height in feet.	Per qt. s. d.
Sangster's No. 1, Improved—A very early variety, only three days later than <i>Ringleader</i> , far more prolific, and ready for gathering about a week earlier than the old variety of Sangster's No. 1	3	1 3
Kentish Invicta—The earliest blue Pea in cultivation, with handsome, well-filled pods	3	1 3



SANGSTER'S IMPROVED, NO. 1, PEAS.



KENTISH INVICTA PEAS

Cannell & Sons' Complete Seed Guide.

	Height in feet.	Per qt. s. d.
William the First —A remarkably fine early Pea, most productive, rich sweet flavour	3½	1 6
Lightning —The earliest of all white round Peas, a good cropper	3	1 9
Dr. Hogg —An early wrinkled Marrow, with handsome pods of dark green colour, possessing the flavour of some of the late varieties	3½	2 0
Day's Early Sunrise —A first-rate white wrinkled Marrow, suitable for sowing late or early, fine flavour	2½	1 6
Daniel O'Rourke —A well-known kind	3	1 0
Ringleader —Very early, hardy, and productive... ..	2½	1 3
Dillestone's Early —A good cropping early variety	3	1 0
First and Best —One of the best for early sowing	3	1 0

SECTION II.; or, SECOND EARLY VARIETIES.

William the Conqueror —A first-rate second early blue Marrow, coming into use about the same time as William the First. Dark green pods well-filled, produced in pairs from bottom to top. Pronounced to be the best Pea for market gardeners	5	1 3
Laxton's Supreme —An excellent variety, with long pods; grown extensively by market gardeners	4	1 4
McLean's Little Gem —An early dwarf wrinkled Marrow, requiring no sticks; may be sown for late as well as early crops	1	1 9
Prince of Wales —A first-class white wrinkled Pea of excellent flavour; good cropper	3	1 6
Victor , pods produced in pairs, each containing on an average 6 to 7 large peas of the finest flavour	2½	1 9
Sharpe's Queen —A blue wrinkled Marrow of sturdy branching habit. It requires to be sown thinly, as the pods are produced from the very bottom to the top. If sown at the ordinary time this variety succeeds the Prince of Wales. The pods are long, slightly curved, decidedly neat, and packing close; the Peas are of full average size, 7 to 8 in a pod, deep green. and of a delicious flavour when cooked...	2½	2 6
Laxton's Fillbasket —This is a very prolific Pea, the pods are very long, curved, and closely filled, and of a deep green colour; suitable for exhibition	3	1 6
Hundredfold, or Cook's Favourite —A sure and heavy cropper; capital flavour	4	1 6
Advancer —Green wrinkled Marrow; abundant bearer... ..	3	1 6
Prizetaker —Very prolific Pea, of a fine green colour when young	4	1 0
Champion of England —One of the most useful Peas, and can be relied on, although sometimes put aside by the newer kinds. It is hard to beat, very prolific, remains in bearing for a considerable time, and does best in light soils	5	1 3
Stratagem —A dwarf wrinkled variety of robust habit, with immense pods, containing 8 to 10 rich flavoured peas	2	2 6

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	Height in feet.	Per qt. s. d.
Laxton's Alpha —A fine early Marrow Pea, haulm completely covered with well-filled pods	2½	1 6
Walker's Perpetual Bearer —A new variety, of robust habit, a great cropper and continuous bearer; its hardy constitution, resisting the mildew, renders it very valuable as a late variety; should be sown very thinly on account of its branching habit... ..	3	2 6
Yorkshire Hero —A superior wrinkled variety, compact habit, dark green foliage, flavour good	2½	1 6
Anticipation	3	2 6

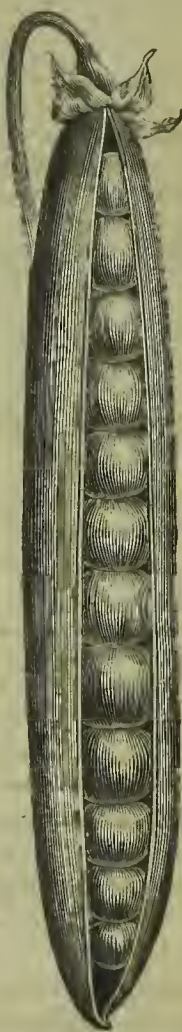
SECTION III.; MAIN, or GENERAL CROP.

Dr. McLean —Blue wrinkled Marrow, vigorous habit, dark green foliage, immense pods, one of the best for a main crop; we possess an excellent stock	3½	1 6
Fortyfold —Excellent quality and very prolific	5	1 6
Ne Plus Ultra —Notwithstanding the many improvements and numerous introductions of new peas, this old favourite still maintains its position as a late variety. It continues growing and bearing for weeks, whilst some varieties produce one flush of pods and are over in a very short time	6	1 6
Veitch's Perfection —One of the best for the main crop	3	1 6
Telephone —A wrinkled variety, selected from Telegraph, an immense cropper, peas very large, and of exquisite flavour; fine for exhibition	5	2 0
British Queen —A delicious wrinkled Pea, very prolific, and continues bearing for a great length of time	6	1 9
Omega —A dwarf Pea of the Ne Plus Ultra type; as a late variety it is unequalled	2½	2 0
Best of All —A splendid wrinkled variety for the main crop, its quality, robust habit, and productiveness will recommend it to any grower of wrinkled peas	3	1 6
Telegraph —A distinct variety, and a strong grower	5	1 9
Pride of the Market —A capital large round variety	2	2 6
Duke of Albany —An excellent cropper, and invaluable for exhibition, the pods being of immense size, fully 6 inches in length, and filled with fine peas of excellent flavour	6	2 0
Magnificent —A grand new main crop Pea, robust habit, and produces abundantly large square-ended pods well filled	5	1 0
Royal George —A splendid wrinkled Marrow, not usually offered, but a good one	6	1 0
Royal Jubilee —One of the largest podded Peas we have ever grown; one of the best for exhibition, and the best flavour of all; stock limited	4	3 6
Duke of Connaught —A first-class exhibition variety; distinct, stock limited	4	1 9

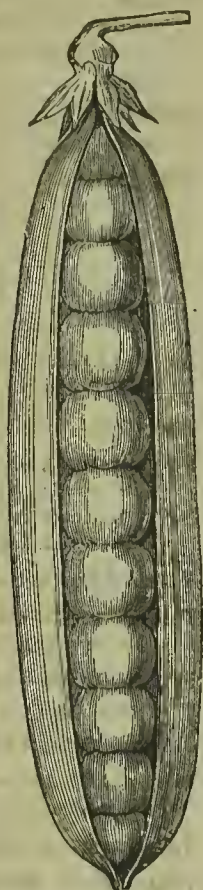
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STRATAGEM PEA.

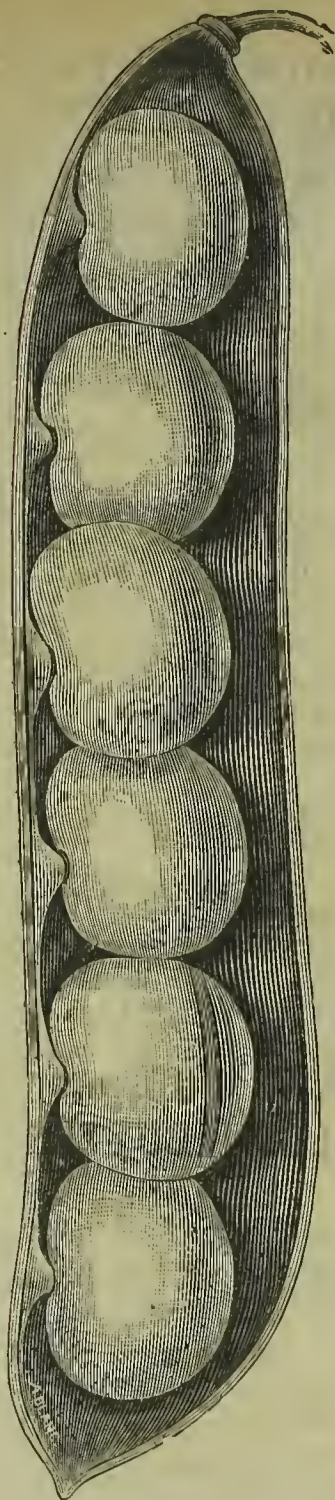


TELEPHONE PEA.



PRINCE OF WALES PEA.

							Height in feet.	Per qt. s. d.
Autocrat —We find this variety one of the most prolific Peas in cultivation. It continues bearing for a considerable time—in fact, when the crop of this kind was ready for harvesting, pods suitable for the table were found in abundance...	4	2 0
Dignity —A grand main crop variety, suitable for exhibition; highly recommended	...	...	...	...	...	...	5	1 6
Sutton's Dwarf Mammoth Marrowfat	...	...	...	...	...	...	3	3 6
Sutton's Satisfaction	...	...	...	...	...	...	3	3 6



HARLINGTON WINDSOR BEAN.

for several years been grown continuously from the finest pods only, and although the pods reach an immense size, the flavour is extremely delicate. Per pkt. 1s. 6d.

BROAD BEANS (*Faba vulgaris*).

CULTURE.—For an early crop a sowing of *Mazagan* may be made in October or November, on well drained soil. The main crop should be sown in February, others may follow up to the end of May. Sow in drills, about 2 inches deep, the beans to be 3 inches apart and the drills 2 to 3 feet apart. The ground should be trenched and well manured.

Per quart.—s. d.

Giant Seville Long Pod —This variety is one of the longest podded beans in cultivation, consequently it is well adapted for exhibition purposes; good cropper and of fine flavour	1 6
Early Mazagan —The best for the first sowing	0 8
Johnson's Wonderful Long Pod —Very early, and a good cropper	0 8
Taylor's Broad Windsor —Large, and fine flavour	0 10
Green Windsor —Splendid colour when cooked, and fine flavour	1 0
Green Long Pod —Very fine, and a nice colour when cooked	0 8
Harlington Windsor —The largest and most prolific Windsor Bean in cultivation	0 10
Beck's Dwarf Green Gem —An excellent dwarf sort, only one foot high	1 6
Bunyard's Exhibition Long-Pod —This is undoubtedly the finest and most productive Long-Pod Broad Bean we have ever seen. We have thoroughly tested it, and is by far the best Bean in cultivation for exhibition. We have had pods measuring one foot in length well filled with beans, and are quite confident it is a splendid introduction	1 6

RUNNER BEANS (*Phaseolus multiflorus*).

CULTURE.—It is a common mistake to plant these too early. Sowings may be made in April, under glass, and the plants put out about the middle of May where they are to stand. If, however, they are to be sown in the open ground, do not put them in until the first week in May. This is the vegetable for a hot and dry season. When thickly mulched and watered, they will bear heavily and deserve all the labour of watering afforded them. They should be occasionally topped, to induce side growth.

Per quart.—s. d.

Cannells' Selected Scarlet —A great improvement upon the old variety, produces very long pods, fleshy and tender; a heavy cropper	1 6
Neal's Ne Plus Ultra —The best for exhibition and main crop, producing an enormous quantity of extraordinary pods of splendid form, from 10 to 14 inches long, and quite straight. To grow it to perfection each bean should be planted 1½ feet apart in the rows	2 0
Giant White —A wonderful cropper, long pods, which are very tender; a capital exhibition variety	1 4
Champion —A select stock of the old Scarlet Runner	1 9
Painted Lady —Very handsome, scarlet and white flowers; very ornamental as well as useful	1 4
New White, Laxton's Czar .—By far the largest and best in the world. The true variety sent out by T. Laxton is an enormous podded white runner Bean, the pods of which run from 12 to 16 inches in length, are very thick, fleshy, and almost stringless, often 2 inches in diameter, and produced in clusters. It is also somewhat earlier and hardier than the Scarlet Runner. The tendency of the Czar is to form thick fleshy pods and few seeds, and no other Bean approximates this for size, quality, and productiveness. The stock of this has	

Per pkt. 1s. 6d.



FRENCH, or DWARF KIDNEY BEANS.

(Phaseolus nanus).

CULTURE.—*These are a great acquisition where it is inconvenient to grow Runners, as they occupy little ground and bear delicious and tender pods. Sow in boxes or pots, in a frame, for planting out at the end of May, and again, in the open ground, in May and June. The same applies to these as the Runners respecting mulching and watering, especially that excellent and well-known variety, "Canadian Wonder." It is not an exaggeration to say that by this means double the produce is obtained.*

Per quart.—s. d.

Canadian Wonder—This is without doubt the best of the Dwarf Beans, producing pods from 9 to 12 inches in length, which, when boiled, are very tender 1 6

Pale Dun, or Cream Coloured—A good early variety 1 0

Negro Long Pod—Very fine cropper 1 6

Sion House—Fine for forcing 1 0

Chinese, or Robin's Egg—A very productive and free cropper 1 0

Osborn's Foreing—A very dwarf quick-growing variety, well adapted for early sowing 1 6

Fulmer's Early Foreing—Large, and a good bearer 1 6

Ne Plus Ultra—A distinct variety, dwarf habit, early, and delicate flavour; very productive indoors and out; valuable for forcing 1 9

WAX POD, or GOLDEN BUTTER BEANS.

Much esteemed and largely used in America and on the Continent. The pods are of a beautiful creamy colour, are stringless, tender, and of a rich flavour.

RUNNER.

Per pint.—s. d.

Mont d'Or—Long golden coloured pods; very tender and delicious 1 0

DWARF.

Mont d'Or—Beautiful golden-yellow stringless pods of excellent flavour. 1 0

Cannell & Sons' Complete Seed Guide.



CANADIAN WONDER BEAN.

Mr. HENRY BATES, Robertsbridge, Sussex,
September 12th, 1890.

The seeds I had from you have turned out remarkably well. This is my first year of exhibiting, and I am proud to say that I have taken seven prizes at our local shows.

Mr. T. TAPLIN, Garden Cottage,
St. Peter's Street.

Timbridge Wells, *January 6th, 1890.*

I am living with G. Livesey, Esq., of 5, Camden Park, who intends having his vegetable seeds from you again this year.



NEGRO LONG POD BEAN.



ARTICHOKE (Globe) (Cynara Scolymus).

CULTURE. — *The heads of these are very delicious when boiled and served with butter and salt. Sow in April in drills 18 inches apart, and transplant 3 feet apart each way.*

	Per oz.—s. d.			
Large Green Globe	0 10
Large Purple Globe	0 10

For plants, see page 56.

Cannell & Sons' Complete Seed Guide.

ASPARAGUS

(*Asparagus officinalis*).

CULTURE (for Exhibition Purposes).—

To raise plants for transplanting, seed may be sown in drills one foot apart and an inch deep, early in April, covering with fine soil. Every fifth row may be omitted for convenience in cleaning. The seeds should be placed two inches apart, and all allowed to grow until early in June, when, or before, they will be in what may be termed second feather. Then is the time to mark the plants. Some will have a strong first feather, and a second growth coming; this is the one required. Others will have weaker and more numerous feathers, which should be grubbed out with a hand fork, leaving those that have single feathers as near six inches apart as possible. The exact distance is immaterial; the chief thing is to get the plants of the character indicated above, as the plants are to remain a year only before transplanting. The first feather is to be cut away in favour of the second when the latter overtops it, or when it is well advanced in growth, and this second shoot is to be shown every favour through the season, cutting away all others coming after early July, but if there arise another stronger shoot by, say Midsummer day, select it and cut away the second. In fact, save the best of the shoots appearing by or before Midsummer, and cut all others away right through the season, as any coming after that have no chance of forming well-ripened buds. If a stronger shoot comes later, save both. This is the treatment advised for the seedlings in the first year to obtain plants with strong single crowns for transplanting the following spring, into a permanently prepared bed of deep, light, friable soil, well trenched and mixed with decayed manure. It is not advisable to cut during the first year, and but very sparingly the second, and should never be prolonged after Midsummer, or the plant will be injured.



CONNOVER'S COLOSSAL ASPARAGUS.

					Per oz.—s.	d.
Connover's Colossal	...	...	...	...	0	6
Giant ..	...	...	...	...	0	6

For plants, see page 55.

BEET (*Beta vulgaris*).

CULTURE.—Sow the middle of April, on ground that has been deeply dug and well manured the previous year. At the time of sowing the ground should be again deeply dug and the seeds sown in rows a foot apart. It may be sown in drills drawn by a hoe, or by dibbling a few seeds in holes an inch deep and a foot apart in the rows; thin out, when the plants are about 2 inches high, to a foot apart where in drills, and where dibbled in holes draw out all except one. When lifting the roots, in October or November, great care must be taken not to bruise them or cut off any small shoots or out-growths or the colouring will be gone.



DELL'S CRIMSON BEET.

Cannell & Sons' Complete Seed Guide.



TURNIP-ROOTED BEET.

NUTTING'S
DARK RED
BEET.

CANNELLS' BEST OF ALL.

Medium-sized root of a beautiful rich deep blood colour, fine shape, and clean growing. Sure to please for culinary purposes, and its handsome dark metallic glossy crimson leaves render it a very effective variety for the flower garden.

6d. and 1s. per packet, 1s. 6d. per oz.

Per oz.—s. d.

Nutting's Select Dark Red—A splendid variety for general purposes ... 0 8

Dell's Crimson—Leaves of a dark bronze colour; very ornamental for the flower garden ... 0 10

Dark Red Egyptian Turnip-rooted—Turnip shaped, flesh dark crimson colour, useful for Summer salads ... 0 8

Ornamental Chilian—This is a non-edible variety, but is much used for decorating shrubberies, hawks, and the flower garden; its brilliant colours make it very attractive ... per pkt. 3d. & 6d.

Spinach, or Perpetual Beet—Both stalks and leaves of this variety are used; the former should be served up as Asparagus, and the latter makes an excellent substitute for Spinach ... 0 6

Silver, or Sea-kale—The mid rib of the leaf of this variety is used in the same way as Sea-kale ... 0 9

New Purple—Unequalled for form, smoothness, colour, and quality of the root. It was Certificated at the Vegetable Conference as the best type of dark Beet. per pkt. 6d. & 1s.

BORECOLE, or KALE (*Brassica oleracea fimbriata*).

CULTURE.—Sow about the middle of March, or early in April, broadcast, over a well-prepared bed, and cover lightly with fine soil. When the plants are large enough to be handled, prick out, on another prepared bed, about 6 inches apart, and well water them. In May these will be quite strong enough to be planted out in their permanent quarters about 2 feet 6 inches apart each way.

Per oz.—s. d.

Dwarf Green Curled—For early and general cultivation ... 0 8

Asparagus—A useful kind, with purple shoots; very delicious and hardy ... 0 8

Buckman's Hardy Winter—This is a valuable and distinct variety, very hardy and productive, and will produce a succession of beautiful Greens during the severest winter ... 0 6

Tall Green Curled—A useful variety ... 0 6

Variegated—Very useful for garnishing ... 3d. & 6d. per pkt.

Cottager's—Much in request, very hardy, and produces a large crop ... 0 8

Ragged Jack—Yields a large quantity of delicate sprouts in spring ... 0 6

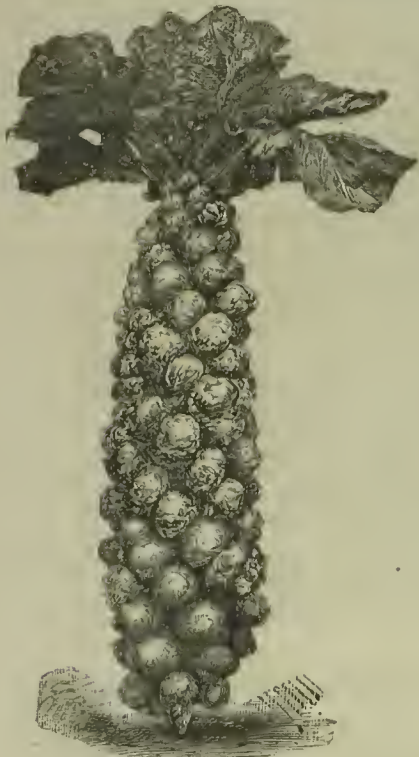
Chou de Milan—The ribs of this are like Asparagus in flavour when cooked ... 0 6



DWARF GREEN CURLED KALE.

Cannell & Sons' Complete Seed Guide.

BRUSSELS SPROUTS (*Brassica oleracea* var.)



CANNELLS' MATCHLESS BRUSSELS SPROUTS.

CULTURE.—Sow the seed between the beginning of March and end of April—the earlier the better—in drills, on a well prepared bed, and cover thinly with fine soil. When the plants are 2 or 3 inches high, draw out the strongest and transplant into another bed, 6 inches apart. In May or June they are to remain 2 feet apart in the rows and 1½ feet between the plants in the rows. Ground should be prepared early so as to allow the soil to become firm.

Per pkt. Peroz.
s. d. s. d.

Cannells' Matchless—This variety is a marked improvement on the ordinary kinds. The stems are covered with fine large delicious buttons, and needs only one trial to ensure approbation 3d. and 0 6 1 0

Scrymger's Giant—A superior and useful variety, producing an abundance of compact sprouts of delicate flavour 0 4 0 8

Finest Imported—A fine selection ... — 0 8

Rosebery—Large and very fine ... — 0 10

Dalkeith—Robust habit, medium height, richly flavoured sprouts ... — 0 10

Aigburth—One of the hardiest and most productive varieties in cultivation — 1 0

President Carnot—A new and select stock — 0 10

BROCCOLI (*Brassica oleracea botrytis*).

CULTURE.—Early sowings may be made in February, under glass, followed by sowings in the open ground, middle of April and second week in May, for successional crops. When the plants are large enough, prick out into a bed 6 inches apart, and, after they have acquired considerable strength, transplant to a piece of ground that has been previously well dug and manured, in rows 2½ feet apart and 2 feet distant from each other. As the plants advance in growth draw the soil around the stems, and give liquid manure occasionally.

SECTION I.—For Cutting from September to November.



WALCHEREN BROCCOLI.

Per pkt. Peroz.
s. d. s. d.

Walcheren—One of the best for successive sowings, 6d. and 1 0 1 6

Grange Early White Cape—A fine variety for autumn use 6d. and 1 0 1 6

Veitch's Self-Protecting—Beautiful white and firm heads, thoroughly protected by the leaves; remain a long time fit for use 6d. and 1 0 1 9

Purple Cape—If sown the end of February large close heads may be obtained in August and September; excellent flavour 6d. and 1 0 1 6

Cannell & Sons' Complete Seed Guide.

SECTION II.—For Cutting from December to February.

	Per pkt.	Per oz.
	s. d.	s. d.
Snow's Winter White—True; a valuable winter variety	6d. and 1 0	1 6
Early Penzance White—One of the best early varieties; fine white heads, ...	3d. and 0 6	1 0
Early Purple Sprouting—A useful variety for small gardens ...	3d. and 0 6	1 0
Adams' Early White—Very fine	3d. and 0 6	1 0
White Sprouting—Very productive, quick in growth, fine flavour ...	3d. and 0 6	1 0
Cooling's Matchless—Comes into use soon after Snow's Winter White, very hardy	3d. and 0 6	1 0

SECTION III.—For Cutting in March and April.

Leamington—Good size heads, close and well protected	3d. and 0 6	1 0
Miller's Dwarf White—A most useful kind	3d. and 0 6	1 0
Knight's Protecting—A favourite sort	3d. and 0 6	1 0
Brimstone, or Portsmouth—Too well known to need any description	3d. and 0 6	1 0
Chappell's Cream—A good old sort	3d. and 0 6	1 0
Dilcock's Bride—Fine pure white	3d. and 0 6	1 0
Elletson's Mammoth—A very large and compact variety	2d. and 0 6	1 0

SECTION IV.—For Cutting from April to June.

Cattell's Eclipse—Very hardy; a most excellent late sort	3d. and 0 6	1 0
Williams's Alexandra—Very fine; white, late, and large	6d. and 1 0	1 6
Wilcove's Late White—One of the latest	3d. and 0 6	1 0
Champion—Very late; strongly recommended	3d. and 0 6	1 0
Hill's June—Fine late white	3d. and 0 6	1 0
Ledsham's Latest of All	3d. and 0 6	1 0
Model—Late and good; one of the hardest and best in colour and flower, almost equal to a cauliflower	6d. and 1 0	2 0

CABBAGE (*Brassica oleracea capitata*).



CANNELLS' DEFIANCE CABBAGE.

CULTURE.—Little need be said respecting the cultivation of this popular vegetable. A good supply of young and tender cabbages through the winter is certainly worth some little labour to obtain. There is nothing in the way of winter greens that can approach good cabbages in delicacy of flavour, and those who have never made a practice of growing them ought to do so. No better preparation of ground with a coat of manure can be made than in the lifting of early potatoes, when such a piece of ground may be profitably utilised by them. Sow in March and April for Autumn and Winter use, and early in August for Spring and Summer cutting.

	Per pkt.	Per oz.
	s. d.	s. d.
Cannells' Defiance—Unequalled for earliness and quality. Medium-sized hearts, wonderfully solid and compact; fine, tender, and delicate flavour. It is suitable for either spring or autumn sowing	3d. and 0 6	0

Cannell & Sons' Complete Seed Guide.

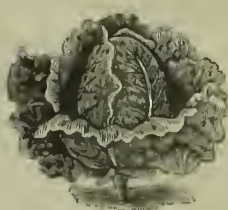


EARLY ETAMPES CABBAGE.



RED DUTCH CABBAGE.

						Per pkt. s. d.	Per oz. s. d.
Early Etampes —A valuable new French variety now coming into favour; pronounced to be the earliest of all the spring Cabbages. Awarded a Certificate of Merit at the Vegetable Conference held at Chiswick in September, 1889...							
	...	...	...	...	...	0 6	1 0
Early Rainham —A most useful and early variety							
	...	...	...	...	...	—	0 8
Wheeler's Imperial —Dwarf and very early							
	...	...	...	...	...	—	0 8
Enfield Market —Very early and large; extensively used by market gardeners							
	...	...	...	...	...	—	0 6
Improved Nonpareil —A fine dwarf variety, of excellent flavour. Comes in very early							
	...	...	...	...	...	—	0 8
Meins, No. 1 —A valuable variety, either for spring or autumn sowing							
	...	...	...	...	...	—	1 0
Cocoa Nut —A very early variety, small and compact							
	...	...	...	...	...	—	0 8
Red Dutch —The best for pickling							
	...	...	...	...	...	—	0 8
Early York —Small, but very early							
	...	...	...	...	...	—	0 6
Tom Thumb, or Little Pixie —Suitable for Summer use							
	...	...	...	...	...	—	0 8
Couve Tronchuda, or Portugal Cabbage —Should be grown in every garden							
	...	...	...	...	...	—	0 6
Sugar Loaf —Conical shaped, of excellent flavour when cooked; very distinct							
	...	...	...	...	...	—	0 10
Kohl Rabi, or Turnip-Rooted —If the roots are boiled when young they are excellent							
	...	...	...	...	...	—	0 6
Rosette Colewort —Exceedingly delicate							
	...	...	...	...	...	—	0 8
Chou de Burghley —This new vegetable is a cross between the Broccoli and Cabbage. Its outward appearance is like that of a Cabbage, from which it differs, on being cut through, in having a miniature Broccoli enveloped between the leaves. It is perfectly hardy, and delicate in flavour when cooked							
	...	...	...	...	...	per pkt.	6d.



NONPAREIL CABBAGE.

Cannell & Sons' Complete Seed Guide.

CABBAGE, SAVOY (*Brassica var. sabanda bullata*).

CULTURE.—*Treat the same as for Cabbage.*



DRUMHEAD SAVOY.



SAVOY, GREEN CURLED. Per oz.—s. d.

Drumhead—Grows to a large size, very sweet and tender after frost	...	...	...	...	0	6
Green Curled—Suitable for the main crop	...	...	...	...	0	6
Early Dwarf Ulm—Very early and compact; may be planted closer than some sorts	...	...	...	...	0	6
Tom Thumb—A very small kind, does not grow much larger than the Drumhead Lettuce	...	...	...	...	0	6
Marcelin—Strongly recommended	...	...	...	...	0	6

CARROT (*Daucus carota*).

CULTURE.—*The French Scarlet may be sown in frames in December and January; in February, succession sowings may be made on warm borders; in March, a larger sowing may be made; and for general crop sow about the middle of April, either broadcast on beds or in drills. Preference should be given to the drills, as the crop can then more easily be kept clean. As soon as the plants are 2 or 3 inches high, thin out to 2 or 3 inches apart at the first thinning; after a few weeks give a final thinning to 6 or 8 inches distance, and the crop allowed to remain till it has perfected its growth in Autumn.*

CANNELLS' PERFECTION INTERMEDIATE.

Per pkt. Per oz.
s. d. s. d.

An entirely new and careful selection of Intermediate Carrot.
Roots much longer than the old kind; fine shape; colour, a beautiful bright red, of excellent quality, and the best for exhibition purposes

0 6 1 0



CANNELLS' PERFECTION INTERMEDIATE.

Cannell & Sons' Complete Seed Guide.



IMPROVED EARLY SCARLET
HORN CARROT.



LONG RED SURREY CARROT



ALTRINCHAM CARROT

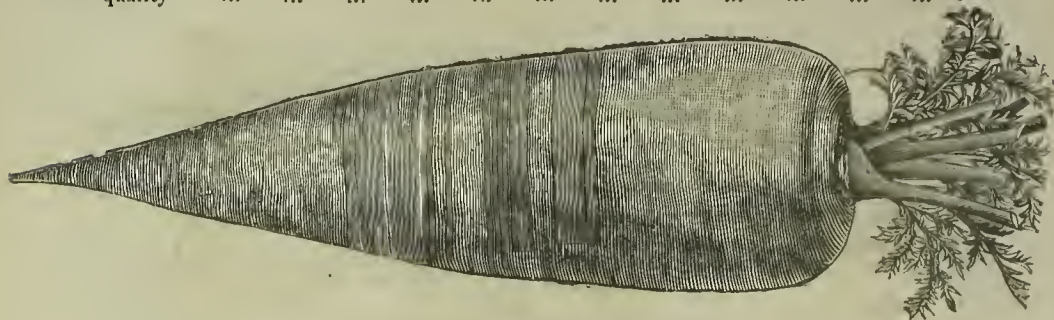


GUERANDE CARROT.

	Per oz.—s. d.		
Guernsey—A French variety of great merit, stump rooted, very broad with very little core	0 6
Improved Early Scarlet Short Horn—Very fine for Summer use	0 6
Scarlet Altrincham—A very long variety, mild flavour, good keeper	0 8
Early Scarlet Nantes—A medium-sized variety	0 6
French Scarlet Horn—Very sweet, and fine for forcing	0 8
Long Red Surrey—A valuable variety for deep soils	0 6

Cannell & Sons' Complete Seed Guide.

James' Improved Scarlet Intermediate—Good for shallow soils, large size, excellent quality Per oz. s. d.
 0 8



JAMES' INTERMEDIATE CARROT.

CAPSICUM (Capsicum annum).

USE.—The pods are used for pickling, and, when ripe, ground to make Cayenne pepper.

CULTURE.—Sow in the end of March or beginning of April in pans, and place in a hotbed. When the plants are in seed leaf, thin to 4 inches apart; those drawn out may again be transplanted into pots or pans. Continue them in the hotbed, and give air freely. In May, harden them off by gradually exposing to the open air. Early in June transplant, where they are to remain, in a sheltered position, under a south wall.



CAPSICUM, GOLDEN QUEEN.



CAPSICUM, BELL, OR BULL'S NOSE

Cannell & Sons' Complete Seed Guide.

CAPSICUM—Continued.

Child's Celestial Pepper —The plant begins to set its peppers early in the season, branching freely, and bearing profusely. The fruit, up to the time they are fully grown, are of a delicate creamy-yellow colour, and when fully grown change to an intense vivid scarlet, making a plant when loaded with fruit, part of one colour and part of the other, an object of the most striking beauty and oddity. The peppers are from two to three inches long, of clear, sharp flavour, and superior for any of the uses to which a pepper can be put per packet, 6d. & 1 0	s. d.
Ruby King —Plants are very sturdy in habit, and each produces from 6 to 12 large handsome fruits, which, when ripe, are of a beautiful bright ruby-red colour; remarkably mild and pleasant to the taste per packet 1 0	
Large Bell, or Bull's Nose —Large, early; mild flavour; colour glossy red ...	
Golden Queen —A very ornamental variety	
Prince of Wales	
Long Yellow	
Long Red	
Chili	
Mixed Varieties	
All at 6d. per packet.	

CARDOON.



CARDOON.

CULTURE.—Sow in April, and grow in trenches in the same way as Celery.

Large Spanish	Per oz.—s. d.
	... .. 1 0

Cannell & Sons' Complete Seed Guide.

CAULIFLOWER (*Brassica oleracea* var. *botrytis*).

CULTURE.—Sow end of January or early in February in a frame on a slight heat, or in a house, so that the plants may be forwarded and hardened off by April, when a sowing may be made outdoors. From this sowing heads will be produced in July and August. To stand the winter, seeds should be sown about the third week in August. The *Early London* and *Early Dwarf Erfurt* are both reliable sorts. Select a sunny, well-drained spot for the seed bed, well work, and if at all heavy, add a good dressing of fine sandy soil or old potting compost, after which the seed may be sown thinly and broadcast, and covered with fine soil. When the seedlings appear, apply an occasional dusting of soot and lime as a preventive against slugs. The strongest plants, when ready, should be dibbled out rather thickly in hand-lights and cold frames, and the remainder left in the seed bed, where they will frequently survive an ordinary severe winter. Finally, plant out in spring.

								Per pkt.	Per oz.
								s. d.	s. d.
Early Dwarf Mammoth —Fine as a forcing variety, or for the early crop outdoor ;									
close, solid, and pure white heads	...	...	...	...	...	...	...	1 6	2 6
Early Snowball —Dwarf habit, with heads of medium size, very compact, and of									
good flavour	...	...	...	...	...	...	...	1 6	—
Early London —Compact; very early	...	...	...	...	...	...	6d. & 1 0	1 6	
Stadtholder —A fine late variety	...	...	...	...	...	...	6d. & 1 0	1 6	
Large Asiatic —Very large, white, and compact	...	...	...	...	...	...	6d. & 1 0	1 6	

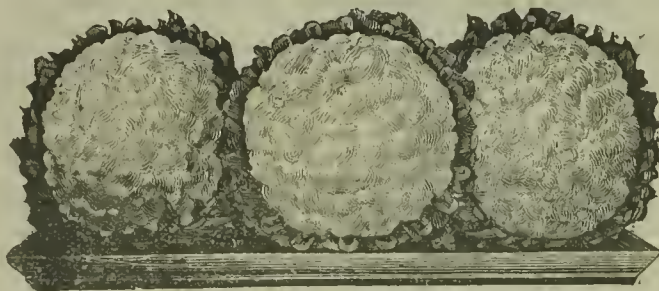


AUTUMN GIANT CAULIFLOWER.

								Per pkt.	Per oz.
								s. d.	s. d.
Autumn Giant —Perfectly distinct from any other sort. The heads are									
beautifully white, firm, and compact, and, being thoroughly protected by the									
leaves, remain longer fit for use than any other kind	...	...	...	...	...	...	6d. & 1 0	2 0	

Cannell & Sons' Complete Seed Guide.

CAULIFLOWER—Continued.



EARLY DWARF ERFURT CAULIFLOWER.

Per pkt. Per oz.
s. d. s. d.

Selected Early Dwarf Erfurt—The best of the earliest sorts. By occasional sowing, a supply can be kept up until Christmas Gd. & 1 0 2 0.



WALCHEREN CAULIFLOWER.

Walcheren—Good for general crop Gd. & 1 0 1 0.

CELERY (*Apium graveolens*).

CULTURE.—In February sow in heat; March and April in open border. Plant in April, May, and July, from 2 feet 9 inches to 3 feet between the trenches. Well manure the bottom of the trenches with rotten dung from an old hotbed, and well water in dry weather.

Cannells' Heartwell White—A fine variety, unequalled for crispness and sweet nutty flavour; dwarf habit of growth, and very solid heads per pkt. 1 0

Standard Bearer—A splendid red variety, awarded two certificates of merit. The plant is of sturdy compact habit, robust growth, and medium height. It grows to a heavy weight, and remains a long time in perfection; is of superior quality, perfectly solid, crisp, juicy, and of a fine nutty flavour per pkt. 1 0.

Cannell & Sons' Complete Seed Guide.

CELERY—Continued.



LEICESTER RED CELERY.



CANNELL'S HEARTWELL WHITE CELERY.



CELERIAC.

	Per pkt.—s. d.
Leicester Red —The finest red Celery in cultivation, exceedingly crisp ...	6d. & 1 0
Sulham Prize Pink —One of the best pink varieties, close habit, large heart, remarkably solid, crisp, and of a fine walnut flavour ...	3d. & 0 6
Sandringham White —The best white Celery grown, large but not coarse, solid, crisp, and juicy ...	6d. & 1 0
Cole's Crystal White —Dwarf, crisp, and solid ...	3d. & 0 6
Cole's Defiance Red —Very hardy and dwarf ...	3d. & 0 6
Ivery's Nonsuch Pink —Solid pink ...	3d. & 0 6
Celeriac, or Turnip-rooted Celery —Chiefly used in soups ...	3d. & 0 6

Major Clarke's Red—Very solid crisp, compact, and of a delicate flavour ... 6d. & 1 0

Invincible White.—A vigorous growing sort, very crisp, solid, and well-flavoured.

It can be grown for exhibition to an enormous size without running to seed. Cer-

tified at the Vegetable Conference of the Royal Horticultural Society ... 6d. & 1 0

Soup Celery—For flavouring soups per oz. 0 3

Cannell & Sons' Complete Seed Guide.

CUCUMBER (Frame) (*Cucumis sativus*).

CULTURE.—*Nothing is so desirable as good Cucumbers, but attention is required if good fruit is to be obtained. The seeds may be sown in January and February in pots or pans. The temperature of the seed-bed should range from 70 to 80 degrees, never sinking below 60 degrees. Admit air in mild weather, both night and day. Outdoor or Ridge Cucumber should be sown in pots during April, and transplanted in May to a spot previously prepared with well-rotten manure.*

Per pkt.—s. d.

Lockie's Perfection.—A splendid variety, its chief features being the finest in the Telegraph family, with black spines; the very thing wanted for years, as it gives this prolific class the high and delicious flavour of the old Black Spine, which the Telegraph was so deficient in. Further, it is the darkest green of any, very free, and taking all points into consideration, it is decidedly a grand addition, and should be grown in the place of Telegraph everywhere, especially as a market cucumber 1 0



LOCKIE'S PERFECTION CUCUMBER.

Cannell & Sons' Complete Seed Guide.



IMPROVED
TELEGRAPH CUCUMBER.



CUCUMBER,
BEDFORDSHIRE PRIZE.

Improved Telegraph —This useful and well-known variety is probably one of the best in cultivation, a sure cropper, and may be depended upon. We possess a splendid stock, quite true, no other variety being grown near. Sure to give satisfaction $\frac{1}{2}$ packet, 6d.; 1s. and	Per pkt. s. d. 2 0
Tender and True —Fine variety for exhibition, handsome fruit of a dark green colour, first-class quality	1 0
Cuthill's Black Spine —A very prolific kind and much approved	0 6
Blue Gown —Splendid shape and superior quality	1 0
Duke of Edinburgh (Monro's) —A fine variety	0 6
Sion House —A well-known variety; very prolific	0 6
Marquis of Lorne —White spine and handsome fruit	0 6
Hamilton's Market Favourite —A splendid market variety very prolific, producing an abundance of well-shaped fruit ...	1 0
Paragon —Strongly recommended	1 0
Kirklees Hall Defiance	0 6
Cardiff Castle —For shape, size, and flavour it is all that can be desired; a continuous bearer	1 0
Once Grown ever Grown	0 6

Extract from the **GARDENING WORLD**, of October 18th, 1890.

CUCUMBER "ONCE GROWN, EVER GROWN."—This is really a poor man's Cucumber, and is one of the most prolific sorts ever grown, producing as many as 16 fruits at a joint. The fruits vary from 9 inches to 13 inches in length, and are produced under the most haphazard treatment.

Cannells' Favourite —A first-class variety, attains a good length	1 0
Masterpiece	1 0
Duke of Norfolk	1 0
Duke of Albany	1 0

CUCUMBER (Ridge or Outdoor).

Bedfordshire Prize —This is a superior variety of outdoor Cucumber, fine flavour and appearance; a prolific bearer ...	s d. per pkt. 0 6
Stockwood Ridge —Fine, and a free grower	
Short Green Gherkin —The one most used for pickling, fruit being only from 3 to 4 inches long	All at 3d. per packet
Long Prickly	
Short Prickly	

Cannell & Sons' Complete Seed Guide.

CRESS (*Lepidium sativum*).

CULTURE.—*Plain and Curled Cress should be sown weekly during the whole year, if a regular supply is required, the state of the weather regulating the method of sowing. As a rule, from November to March, a gentle hotbed is the best. Australian Cress sown in the open border during March and April, and in a cool and shady place in May, will produce crops in succession; and, if sown under a north wall in September and October, with a little protection, will afford a supply during Winter and Spring. Water Cress may be easily grown in a damp and shady place, and on no account must suffer from drought. Sow in March and April.*

	Per qt.	Per pint.	Per oz.
	s. d.	s. d.	s. d.
Plain—The best for general use and Salads	1 9	1 0	0 2
Fine Curled—Useful for garnishing and Salads	2 0	1 0	0 2
Australian—Very tender; mild flavour... ..	—	—	0 3
American, or Land—Perennial variety, similar in flavour to Water Cress	—	—	0 4
Water Cress... ..	per pkt., 6d.		

ENDIVE (*Cichorium endivia*).

CULTURE.—*For Autumn use sow end of April or during May, on prepared soil, in drills a foot apart, and thin out to 6 inches from plant to plant; water in dry weather. If a Winter and early Spring supply is needed, sow in July and August and transplant to frames, or a sheltered position, secure from frost.*



GREEN CURLED ENDIVE.

	Per oz.—s. d.
Green Curled—The one mostly cultivated for general crop, very crisp and hardy	0 8
Improved Round-leaved Batavian—Very compact, forms a nice heart, blanches easily	0 8
White Curled—Very tender when young	0 9
Moss Curled—Beautifully curled, like Moss	0 9
Green Batavian—Large and fine	0 8
Digswell Prize—A superb large green curled variety	0 10

Mr. G. H. NORCLIFFE, Rock Cottage, Quarry Hill, Batley Carr, Dewsbury.
I am glad to tell you my flower and vegetable seeds have turned out well, and I am much pleased.

JOSEPH GRIFFITHS, Esq., Birchall Moss, Hatherston, near Nantwich, August 19th, 1891.
The seeds I had from you this spring have given great satisfaction (peas especially).

Mr. T. J. ANKINS, Lily Cottage, Castle Street, Swanscombe, Kent, August 3rd, 1891.
I am pleased to say the seeds and potatoes that I had from you in the spring have given me very great satisfaction and have turned out first rate, and I am pleased to recommend them to my neighbours about here.

Mr. J. STEVENSON, Sutton Cottage, Heston, Hounslow.
The collection of vegetable seeds have been most satisfactory.

Cannell & Sons' Complete Seed Guide.

GOURD, or PUMPKIN (Cucurbita).

CULTURE.—*Same as Vegetable Marrow.*

												Per pkt.—s. d.
Hundredweight, or Mammoth —The largest in cultivation, often attaining an incredible												
weight	...	...	...	...	...	...	...	...	...	...	...	0 6
Small Orange	...	...	...	...	...	...	...	...	...	...	...	} all at 0 3
Pear Shaped —Very ornamental fruits	...	...	...	...	...	...	...	...	...	...	...
Ornamental Varieties —Mixed. Many curious and pretty kinds	...	...	...	...	...	...	...	...	...	...	...

ORNAMENTAL GOURDS.



HERBS, GARNISHING PLANTS, &c.

3d. and 6d. per packet, except where priced by the ounce.

Angelica—For flavonring.

Anise—For seasoning and garnishing.

Balm—Aromatic plant. May be used in salads.

Cannell & Sons' Complete Seed Guide.

HERBS—Continued.

- Basil, Sweet } Excellent for flavouring soups.
 „ Bush }
- Borage—Used for Summer drinks; excellent for bees.
- Chicory—Improved Leaved. Per oz., 6d.
- Chervil, Curled—For salads. Per oz., 6d.
- Corn Salad—A hardy, useful salad. Per oz., 6d.
- Clary—Makes a pleasant wine.
- Caraway—Seeds used in confectionery.
- Corlander—Young leaves used in soups and salads.
- Dill—Leaves used in pickles and sauces.
- Fennel—For garnishing and fish sauce.
- Horehound—For the cure of asthma.
- Hyssop—Leaves and shoots used for pot-herbs, also medicinally.
- Lavender—Grown for its sweet-scented flowers.
- Marigold, Pot—Flowers used in soups.
- Marjoram, Sweet or Knotted } Used in soups and stuffings, also, when dry, for Winter use.
 „ Pot or Perennial }
- Purslane, Green } Shoots used in salads.
 „ Golden }
- Rue—For garnishing, also useful for poultry.
- Rosemary—Sprigs for garnishing; leaves for making a drink to relieve headache.
- Sage—For stuffing and sauce.
- Savory, Summer } For seasoning; also useful in a dry state for Winter.
 „ Winter }
- Sorrel.
- Thyme—For soups and seasoning, also stuffing.
- Wormwood—Used as a tonic when taken in tea.

LEEK (*Allium porrum*).

CULTURE.—For an early crop sow in a pot, pan, or box early in February, and place in a frame or a slightly-heated place, and when the plants are 3 or 4 inches high, prick out in a sheltered position or frame in rich soil. Here they are to remain until good-sized plants are formed, and then transplanted to their permanent quarters. Leeks of very fine quality, and good enough for ordinary use, may be obtained from seed sown the first week in March, broadcast, on a warm border, and cover lightly with mellow soil. Transplant, when large enough, in rows a foot apart, and about 8 inches in the row, in the same way as Celery. Well manure.

	Per pkt.	Per oz.
Champion. —This Leek has gained many honours, including all the First Prizes at the recent International Horticultural Exhibitions. It was Certificated by the Royal Horticultural Society at the Vegetable Conference, 1889 6d. and	1 0	—
The Lyon. —A thoroughly distinct variety, matures early, grows to a great size and weight without coarseness. The white part, when blanched, often exceeds 16 inches in length and 9 inches in circumference	1 0	—
Musselburgh. —Large Scotch	—	1 0
Henry's Prize	—	1 4
London Flag	—	0 8

Cannell & Sons' Complete Seed Guide.

LEEK—Continued.



CANNELLS' MAMMOTH LEEK.

CANNELLS' MAMMOTH—A superior kind, very hardy, blanches well, and grows to a large size. 6d. & 1s. per pkt., 1s. 6d. per oz.

LETTUCE (*Latuca sativa*).

CULTURE.—Sow from the first week in March till September for succession. When 3 inches high, remove the strongest plants to prepared ground, and plant them in rows from 1 to 2 feet apart, according to size. For Spring use sow in Autumn, prick out in frames and transplant early.

COS VARIETIES.

		Per pkt.	Per oz.
		s. d.	s. d.
Paris White—A superb variety, of immense size and superior quality	...3d. and	0 6	1 0
Paris Green—A fine variety, needs no tying	... ..	6d. ,, 1 0	1 6
Hicks' Hardy White—A large sort, suitable for sowing in Autumn	6d. ,,	1 0	1 6
Bath Cos, Black Seeded—The best Cos variety for Autumn sowing to stand the Winter	... ..	3d. and 0 6	1 0
Ivery's Nonsuch—Blanches well, and not likely to run to seed; sweet and crisp	... ..	0 6	1 0
London White	... ..	3d. and 0 6	1 0
Nuneham Park	... ..	3d. ,, 0 6	1 0

Cannell & Sons' Complete Seed Guide.



Mr. A. PARRIS, 20, Helder Street,
South Croydon, *July 5th*, 1891.

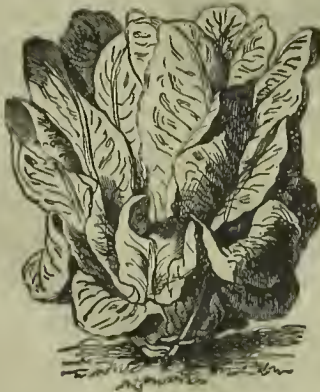
It gives me great pleasure to tell you of my success at the summer show, held here on July 1st. I gained six prizes by using your seed—three firsts, one second, and two thirds. I obtained first for your Giant Cos Lettuce, which were splendid, against nine other competitors.

Mr. WM. RANDALL,
33, Mill Hill Road, Wellingboro'.

I have grown some of your Giant Cos Lettuce this year. I have never seen finer; they are almost four feet round, and are admired by all who see them.

CANNELLS' GIANT COS LETTUCE.

	Per pkt.	Per oz.
	s. d.	s. d.
Cannells' Giant Cos—Larger and finer in every way than the best types of Cos Lettuce. Leaves very broad, and rounded in a perfect manner; very regular in character—in fact, every plant may be relied upon to form an enormous heart, perfect in form, as shown in the accompanying engraving.	...6d. and 1 0	2 0



PARIS WHITE COS LETTUCE.



BATH COS LETTUCE.

CABBAGE VARIETIES.

Neapolitan—A capital summer Lettuce, habit dwarf, leaves much curled on the edges, head firm, white, large, crisp, and sweet; quite distinct 3d. and 0 6 1 0

New York.—This variety will be a great favourite when better known. It grows to a large size, some specimens having been grown 18 inches in diameter, and weighing nearly four pounds. It is very close and compact, folds in very nicely, and consequently blanches well, very crisp and sweet, excellent flavour, free from bitterness, and one of its greatest recommendations is the length of time it will stand on the ground without running to seed. The outside colour is quite distinct from any other Lettuce, being a clear deep apple-green, while on the inside the colour is yellowish-white. It is not a forcing variety, but is certainly one of the best varieties for summer use ever introduced. We strongly recommend a trial ... 0 6 —

Cannell & Sons' Complete Seed Guide.

LETTUCE—Continued.



DRUMHEAD LETTUCE.

	Per pkt.	Per oz.
Stanstead Park —The largest, hardiest, and best flavoured Cabbage Lettuce, to stand the Winter ... ..3d. and	0 6	1 0
All the Year Round —Fine white, does not run to seed; a good Winter variety ... ..3d. and	0 6	1 0
Drumhead, or Malta —A large variety for Summer use	0 4	0 8
Tom Thumb, or Tennis Ball —Small and very early, forming close and compact heads, stands the winter well, also dry weather ...3d. and	0 6	1 0
Early Paris Market —The best forcing Lettuce, turns in very quickly, and forms close, firm hearts, without tying up... ..3d. and	0 6	1 0
The Favourite —An excellent variety for autumn use. Leaves light green with a brown blotch, very crisp and sweet, and has been known to stand the driest summer without running to seed when all other varieties were useless 3d. and	0 6	1 0
Hardy Hammersmith —Excellent variety for Winter ... ..3d. ,,	0 6	1 0
Commodore Nutt —Small, compact habit, splendid flavour ... ..6d. and	1 0	1 6
Victorla, Red Edged ... ..3d. ,,	0 6	1 0
Lees' Immense Hardy Green ... ..3d. ,,	0 6	1 0



OM THUMB LETTUCE.

MELON (Cucumis melo).

CULTURE.—Similar to that of the Cucumber.

	Per pkt.—s.	d.
The Countess —A good constitution, medium size, free setter, distinctly netted. The fruit is yellow in colour, thin in the skin, thick in the flesh, which is nearly white, tender, juicy, and pleasantly flavoured	1	0
Gilbert's Improved Victory of Bath —A splendid green-fleshed variety, free setter	1	0
Blenhelm Orange —A first-class scarlet-fleshed Melon of delicious flavour	1	0
Eastnor Castle —Flesh deep green colour, very prolific, rich flavour... ..	1	0
Hero of Lockinge —Handsone fruit, skin rich golden colour, regularly netted with white. Flesh almost white, delicious and melting in flavour; very early, and a popular variety for exhibition	1	0
Read's Scarlet Flesh —One of the most exquisite flavoured Melons in cultivation, beautifully netted	1	0
Beechwood Green Flesh —An excellent variety	1	0
Munro's Little Heath —Easily cultivated, very prolific, and one of the hardiest. The flesh is scarlet	0	6
Willam Tillery —An exquisite green-fleshed variety of the richest flavour	1	0



MELON.

Cannell & Sons' Complete Seed Guide.

MELON—Continued.

	Per pkt.—s.	d.
Colston Bassett	1	0
Dell's Hybrid	1	0
Duke of Edinburgh	1	0
Heckfield Hybrid	1	0
A. F. Barron—Fruit large, and not coarse; delicious flavour	1	0
Golden Perfection—The best and earliest Melon for frame or pit culture; good flavour	1	0
Hero of Bath	1	0
Golden Conqueror—Splendid variety; rich flavour and good cropper	1	0



PERFECT MUSHROOM SPAWN.

Having every facility, and to be quite sure that nothing but the best shall come from us, we collect samples from all sources where manufactured, immediately test which is the best, and purchase largely; consequently, all our customers succeed, most of them far above their expectations. At this moment we have a large stock, and beyond all question the finest ever offered.

Per brick, 6d., postage, 4½d.; per peck, 1s. 6d., postage, 1s.; per bushel, 5s.

A Practical Treatise on the Cultivation of Mushrooms, by J. Wright, F.R.H.S., price 1s., post free 1s. 2d.

Mr. R. GILBERT, High Park Gardens,
Stamford, 5th February, 1891.

If anything ever did deserve the name of unique, surely your Mushroom Spawn does. I have been a grower for many years, and better crop I never saw. Keep a good stock so I can depend on getting it whenever I want it fresh.

MUSTARD (*Sinapis alba* and *S. nigra*).

CULTURE.—Sow every fortnight for succession, in boxes, in heat when too cold out of doors.

	Per oz.—s.	d.
Best White	per quart, 2s.; per pint, 1s.;	0 2
Cheaper by the peck or bushel.		
Chinese—Leaves and stems much larger than the common variety, black seeded		0 3

ONION (*Allium cepa*).

CULTURE.—The ground should be double dug in October or early in November, great care being taken to intermix a heavy dressing of well-rotted manure, keeping as great a portion of the manure as possible at the bottom of the trench. The ground can then be left in its rough state until early in January, when a good dressing of soot may be spread over the surface, which is not only a preventive for the maggot, but a valuable stimulant for the Onion throughout its different stages of growth. Nothing more should be done until the end of January or early in February, when (weather permitting) the beds should be pointed over, well raked, and made moderately firm, and the seed drilled in rows one foot apart, which leaves ample room for a draw hoe, which cannot well be used too often if care be exercised to avoid any injury to the tops. As soon as the Onions are up and well established they may be thinned out to 9 inches apart, and during an early stage of their growth a liberal top-dressing of spent mushroom bed manure would be beneficial in keeping the ground moist and cool in hot, dry seasons, and saving a considerable labour in watering. For what are termed Tripoli or Winter Onions, sow early in August and transplant the following spring.

Improved Wroxton.—A very valuable Onion, and is acknowledged to be the mildest flavoured and best keeper in cultivation. It may be grown to a large size, from 16 to 20 ounces in weight; the skin is of a very delicate light brown straw colour. It is an egg-shaped type, and quite distinct 1 0

Cannell & Sons' Complete Seed Guide.

ONION—Continued.



JAMES' KEEPING ONION.



BANBURY ONION.



THE QUEEN ONION.

	Per oz.—s. d.
Banbury —This wonderful cropping Onion still retains its high reputation; it is a fine shape, with a bright yellow skin, and a suitable variety for the exhibition table...	1 0
Bedfordshire Champion —Globe shaped, skin brown, heavy cropper, and a good keeper	1 0
	Per pkt., 3d. and 6d.
Danver's Yellow —An excellent large sort, and keeps well (<i>see illustration</i>)...	0 8
The Queen —A silver-skinned variety, remarkable for its quickness of growth. If sown in March, will produce full-grown bulbs early in the Summer ...	1 0
Giant Rocca —The best to sow in Autumn for transplanting in Spring. Grows to an enormous size; mild flavour ...	0 10
Blood Red —Strong flavoured, keeps well ...	0 8
Brown Spanish —Large cropper ...	0 8
James' Long Keeping —Keeps longer than any other sort ...	0 10
Early Nocera —A very suitable variety for pickling ...	0 10
Rousham Park Hero —A new and valuable Onion of the White Spanish type ...	1 4
Red Globe Tripoli —A very remarkable variety, keeps very well ...	0 8
Flat White Italian Tripoli —For Autumn sowing; mild flavour ...	0 8
White Spanish, or Port ...	0 9
Giant Zittau Yellow —This is a capital keeping variety, if the bulbs are allowed to remain in the ground until thoroughly matured before being disturbed ...	0 10

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ONION—Continued.

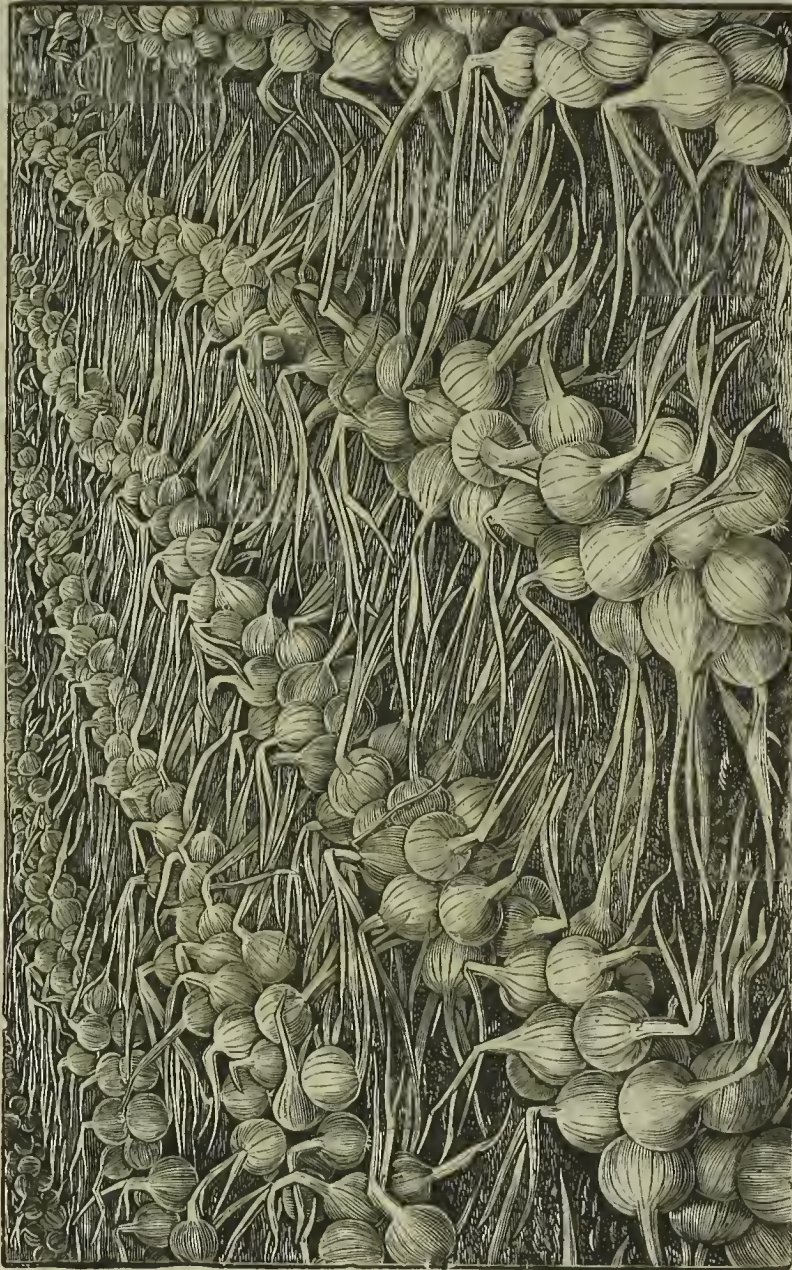


WHITE ITALIAN TRIPOLI ONION.

Per oz.—s. d.

Early Eight Weeks—The quickest growing Onion in cultivation, coming to maturity in about eight weeks. Invaluable where Onions are required early in the summer; very useful for pickling, and of mild flavour ...													0 10
White Lisbon ...	...	...	...	...	...	...	...	...	...	...	...	...	0 6
White Globe ...	...	...	...	...	...	...	...	...	...	...	...	...	0 10
Naseby Mammoth ...	...	...	...	...	...	...	...	...	...	...	...	...	0 10
Deptford ...	...	...	...	...	...	...	...	...	...	...	...	...	0 8
Silver Skin ...	...	...	...	...	...	...	...	...	...	...	...	...	0 9
Nuneham Park ...	...	...	...	...	...	...	...	...	...	...	...	...	0 10

Cannell & Sons' Complete Seed Guide.



DANVER'S YELLOW ONION

Cannell & Sons' Complete Seed Guide.

PARSLEY (*Apium petroselinum*).

CULTURE.—Should the weather be dry, sow early in February; if not, defer till middle of March. Sow again in May, and also July, for furnishing plants to stand over Winter. Parsley seed is rather longer than most seeds in germinating, and should be watered in dry weather if necessary. The secret of having it good all the year is to sow in good soil, 16 inches from plant to plant.



CANNELLS' "BEAUTY OF THE PARTERRE."

Very much the best ever seen, adding a beauty to every dining table.

Glanafon Gardens, Taihaeh, near Port Talbot.

SIRS,—I have grown Parsley extensively for a great many years, and have tried several varieties, but in my opinion your "Beauty of the Parterre" is the finest in cultivation. I have some roots over two feet in diameter; it is really handsome, and I would recommend it to all.

H. MORRIS.

Per oz.—s. d.

Cannells' Beauty of the Parterre —Perfectly distinct from all others. The handsomest sort extant, highly decorative in the garden, and as a garnishing plant it is unsurpassed. When once tried no other variety will be grown. The plants should be thinned out to at least 12 inches apart						per packet, 3d. & 6d.	1	0
Fern Leaf —Invaluable as a garnishing plant and for table decoration; finest in cultivation							0	6
Myatt's Garnishing —A splendid variety; very double							0	4
Moss Curled —A beautiful variety							0	6
Turnip-rooted —Roots used for stewing							0	6
Covent Garden Garnishing —One of the best curled varieties grown							0	6

Mr. D. PLUMBLEY, Opawa Cottage, School Green, Freshwater, I.W.

I am pleased to say that I followed out your instructions in planting vegetables, and succeeded in obtaining four first, two second, and one third prize at our show, and a flower prize. Last year I did not win a prize of any sort, so I think I owe much to your catalogue, it being only my second year of gardening.

Cannell & Sons' Complete Seed Guide.



CANNELL'S SELECTED
HOLLOW-CROWN PARSNIP.

PARSNIP (*Pastinaca sativa*).

CULTURE.—*Sow about the second week in February, or first in March, or as early as the ground is in a fit state to receive the seed, choosing a light deep-trenched soil if possible; and if required for exhibition, make a hole two feet deep with a crowbar, push this round so that the hole is largest at the top, fill with fine soil, and finish off with dibbing in three seeds. After germinating leave the strongest seedling, assist them when in full growth, make four holes a foot deep in the soil and about five inches away from the plant, which can be occasionally filled up with liquid manure, and with proper care and attention afterwards, clean, well-grown specimens will be the result, that will astonish all beholders.*

	Per oz.—s. d.
Cannells' Selected Hollow-Crown—A selected stock producing long, clean, and smooth roots, free from side shoots; very tender	0 4
The Student—A first-class variety for the garden	0 6
Jersey Marrow—Extra large	0 4
Eleombe's Improved—Fine flavour	0 4
Turnip-rooted—Recommended for shallow soils	0 6

KITCHEN AND TABLE POTATOES.

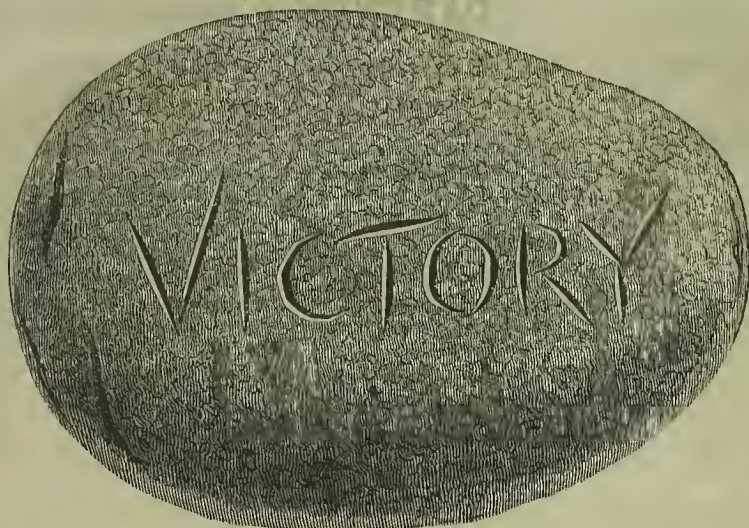
WE grow from 20 to 30 acres especially for seed, which, like all our seeds, are finding favour wherever they go. Our soil being so different to most others they produce greater crops; and having an abundance of land, we only occupy the same land for Potatoes once in five years. We grow 70 varieties, each with its particulars and qualities well known to us. We only catalogue those that we know will give satisfaction wherever they go.

CULTURE.—*Consider the condition of the soil—if rich, pulverize it by digging two, three, or four times; if poor, manure it with our real manure, which always doubles the crop. Plant early, before the strong eyes at the principal end start growing. Do everything possible so that the foliage is in no way injured. Always feel a pride in seeing the tops die down a golden yellow. Take up early. Never clamp up tight until frosts set in—this prevents premature growth. Peel with a proper peeling knife. Do this every evening, and let them lay in water all night, and you certainly cannot fail to have meaty, beautiful eating Potatoes.*

	Per peck of 14 lbs.—s. d.
Lily White—A handsome white kidney, remarkably prolific, fine garden variety; first-rate table quality	2 0
Wormleighton Seedling—Good cropper, pretty kidney; first-rate keeper, good disease resister	2 0
Prime Minister—Splendid late variety, large, handsome, flat, white, kidney; heavy cropper of fine flavour	2 0
Peachblow—Good cropper, round pink eyed; first-rate table quality	2 0
Burpee's Superior—A handsome late kidney; heavy cropper, flavour good	2 6
Welford Park—Excellent cropper and disease resister, sure to do well on newly broken up ground with manure; when boiled, is meaty and white, like balls of snow. A 1 keeper, will eat well until August of the following year, no inclination to grow as other varieties do; should not be eaten until after Christmas. This variety cannot help giving everybody who tries it satisfaction. Does not grow big and ugly on the best of soils, but pushes out an abundance of nice, medium-size tubers for boiling	2 0

Cannell & Sons' Complete Seed Guide.

POTATOES—Continued.



Cannells' Victory — This put on any gentleman's table, properly cooked, would so attract the attention and taste of everyone that it would have to be grown in every garden. In every respect it is, in our opinion, the best early Potato yet sent out, and for exhibition a model. It is certainly the best for private gardens... .. 3 0

Per peck of 14 lbs.—s. d.



PRIZETAKER POTATO.

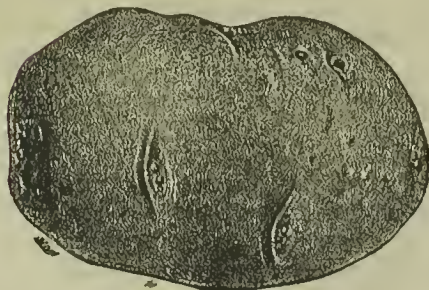
Prizetaker—A good cropper, of excellent quality; skin pale pink 5 0
Porter's Excelsior—A distinct early variety of excellent flavour; valuable for exhibition ... 5 0
The Dean—Tubers round and of a deep violet colour, flesh yellowish white, of the finest quality; a superb show kind 4 6

Cannell & Sons' Complete Seed Guide.

POTATOES—Continued.



"Come to Stay"—Many laughed and ridiculed this engraving when it was first seen in England. It has not exceeded the quantity of tubers shown, but it is a staying favourite when well grown and the greatest cropper in existence. Even if the crop is half diseased, it is then equal to the *Beauty of Hebron*, which it resembles in eating and other qualities. In a dry, hot season it would be by far the best Potato in cultivation 2 6



BEAUTY OF HEBRON.

Myatt's Ashleaf—A well-known sort, very prolific, and of good flavour; one of the earliest 2 0

White Elephant—One of the best known sorts; still a great favourite, holding its own for a market variety 1 9

Rivers' Royal Ashleaf—A first-class early kidney variety 2 6

Beauty of Hebron—One of the best early sorts, very productive, and a good keeper; skin and flesh pure white; quality good 1 9

Early American Rose 1 9

Cannell & Sons' Complete Seed Guide.

POTATOES—Continued.

Per peck of 14 lbs.—s. d.

Early Vermont—One of the best of the American varieties ... 1 6



EARLY PURITAN POTATO.

Early Puritan.—The earliest pure, white-skinned Kidney Potato in cultivation. Like most of the American kinds, when first introduced the Early Puritan is a prodigious cropper; but it is unlike most of the other varieties from that country, in that we shall not be obliged to grow it several seasons before it loses its waxy nature and becomes fit for table use, as its cooking qualities are at present almost equal to a good many of our first-class table varieties. Its disease-resisting powers are of great extent, which should be a recommendation to all growers ... 3 6

Osborn's Pride—Heavy cropper; white skin and flesh ... 2 6

M.P.—Good white round variety, crops well ... 3 6

Duke of Albany—White kidney, cross between Beauty of Hebron and Early Goodrich; as early as Myatt's Ashleaf; equal in size and cropping qualities as Magnum Bonum; fine flavour, quality good; excellent keeper and cooker ... 4 0

Red Elephant, Improved—Similar in constitution, shape, and habit as the popular White Elephant, and like that variety a heavy cropper; does well in sandy soil ... 3 6

Victor—This is undoubtedly one of the earliest in cultivation; very suitable for early crops, both in private and market gardens; also for forcing. It is a flattened roundish oval in shape, eyes extremely shallow, clear skin, and a heavy cropper; superior in flavour, and dry and mealy when cooked ... 3 6

Future Fame—A seedling of the Magnum Bonum type; a little earlier than that variety, and a great disease resister. It cooks white, dry, and mealy ... 2 6

Cannell & Sons' Complete Seed Guide.

POTATOES—Continued.

Per peck of 14 lbs.—s. d.

Wilson's Ashtop Kidney —This is an old variety, comes in much earlier than the Myatt's or White Beauties. Heavier cropper, and resists the disease very much better; banlin dwarfer than the Myatt's. It does not eat quite so mealy; however, where early potatoes are needed to come in quick it should be grown, for it does its work in a much shorter time than Myatt's. We strongly recommend this variety; good sort for foreing...		2	0
Snowdrop —A fine and distinct second early variety; very handsome white kidney, productive, and disease resister. Good quality		3	0
Magnum Bonum		2	6
Schoolmaster —For the select table one of the best; resists the disease fairly well		2	0
White Rose —A cross between Ashleaf and Early Rose; when cooked, white and mealy; resists the disease fairly well		2	6
Bruce —A kidney shape; excellent, and disease resister. Good qualities for the table		2	6
White Beauty of Hebron		2	6

NEW POTATOES WE TRIED IN 1891.

Sutton's Seedling —Almost a kidney; good cropper, not so good for resisting the disease. Quality good for the table—flesh fine, mealy, and white		3	6
Sutton's Abundance —Good cropper, but catches the disease almost like the Beauty of Hebron. Good quality		4	6
Best of All —Resembles the old Scotch Champion, just as ugly; deep eyes and round; good cropper and disease resister		3	6
Sutton's Satisfaction —Good cropper; flattish round. A fairly good disease resister, and good all-round potato		4	0

RADISH (Raphanus sativus).



OLIVE-SHAPED WHITE RADISH.

CULTURE.—To have early, sow in frames near the glass in January; in the open ground in February, and every fortnight till August. To obtain crisp, sweet-eating Radishes they must be grown quickly.

Per oz.—s. d.

Wood's Early Frame —Very early; fine flavour... per qt. 2s. 6d., per pt. 1s. 3d.		0	3
Olive-shaped Scarlet —Quick growing, mild, and sweet per qt. 2s. 6d., per pt. 1s. 3d.		0	4
China Rose —Sow in August for Winter use		0	6
French Breakfast —The best for early foreing, very much liked in Paris. It is of an oval form, scarlet colour tipped with white per pint, 2s. 6d.		0	4
Scarlet Short-top —Suitable for sowing outdoors ... per qt., 2s. 6d.; „ 1s. 3d.		0	3
Black Spanish —Large round; sow in Autumn		0	6
Raphanus Caudatus; or, Rat-tailed Radish —The seed pods are eaten only of this variety; they are often an immense length, and are excellent in pickles per packet, 6d.			

Cannell & Sons' Complete Seed Guide.

RADISH—Continued.

Per oz.—s. d.

Olive-shaped White—Similar to the scarlet except in colour	0	4
Red Turnip per qt., 2s. 6d.; per pint, 1s. 3d.	0	3
White Turnip „ 2s. 6d.; „ 1s. 3d.	0	3
Mixed Turnip „ 2s. 6d.; „ 1s. 3d.	0	3



FRENCH BREAKFAST RADISH



WOOD'S FRAME RADISH.



RED TURNIP RADISH.

RAMPION.

CULTURE.—*Rampion* is a vegetable which may be used cooked or as a salad, but it is not nearly so much grown as it should be, especially when considered what a good substitute it is for Radishes during the early Autumn months, and when owing to heat and drought the latter are sometimes difficult to obtain in a tender condition. Sow seed on a light porous soil in drills not less than six inches apart, and having covered them with about a quarter of an inch of soil, well tread the bed over and rake down smoothly. When the seedlings are well through the ground, thin them out to not less than four inches apart. After about three weeks give the bed a thorough soaking with water, and the crop will be assured unless the weather prove dry for a very long period, when duplicate waterings will be of great benefit. To secure a continued supply it is well to make several sowings, one early in the month of April, one about the third week in May, and a third and last about the same time in June.

3d. and 6d. per packet.

RHUBARB (Seed) (*Rheum hybridum*).

CULTURE.—Sow in drills in April about one inch deep, thin out to six inches apart, and transplant in Autumn into a bed well manured three feet apart each way. Seed sown in this way will produce good roots the second year.

Per packet—s. d.

Finest Mixed Varieties	0	6
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Mrs. BURKE, Ballinahow House, Armagh, July 18th, 1891.

The seeds have given every satisfaction.

Cannell & Sons' Complete Seed Guide.



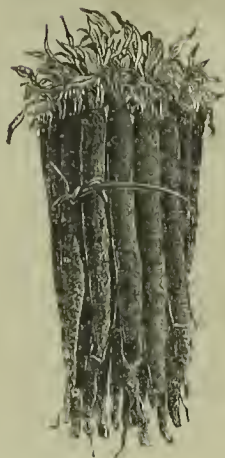
SALSAFY.

SALSAFY (*Tragopogon porrifolius*).

CULTURE.—Although Salsafy is not usually cultivated in small gardens, there is no reason why it should not be, as the roots form a valuable addition to the somewhat limited list of winter vegetables. They are easily cooked, merely require scraping, steeping in vinegar and water, then boiled until tender, after which they may be served up with white sauce. The culture is quite as simple. Choose a piece of ground that has been well dug and manured previously, the surface also should be well pulverised. Sow the seed first week in April, in drills 15 inches apart and about 2 inches deep. As soon as the plants are large enough to handle, thin out to about 9 inches apart. Beyond this, except keeping clean from weeds, this is all the treatment required until growth is completed in Autumn, when the roots may be lifted and stored in sand, or allowed to remain in the ground until required for use.

Per oz.—s. d.

Best Quality 0 10



SCORZONERA.

SCORZONERA

(*Scorzonera hispanica*).

CULTURE.—Same as for Salsafy.

10d. per oz.

SPINACH (*Spinacia oleracea*).

CULTURE.—Should the weather be favourable, a small sowing of the round variety may be made in January, another in February, and a larger one in March. Successive sowings may then be made every three weeks till the beginning of May, and afterwards weekly to the end of July. For Winter use, sow the prickly variety weekly during the first three weeks in August. The "New Zealand" should be sown in heat, and transplanted, and be protected till the beginning of June, when it may be planted out without shelter.

Per oz.—s. d.

Victoria—Larger leaves, more fleshy, and superior quality to the ordinary spinach; stronger grower, and needs more room than the prickly; quite hardy, and is not so apt to run to seed 0 6

Cannell & Sons' Complete Seed Guide.

SPINACH—Continued.



ROUND SPINACH.



PRICKLY SPINACH.

						Per oz.—s. d.
Round, or Summer—For Summer use	...	...	...	..	per qt., 2s.; per pint, 1s.	0 3
Prickly, or Winter—For Winter use	...	...	...	...	„ 2s.; „	1s. 0 3
Flanders Broadleaf—A broad-leaved hardy variety	...	...	...	...	„ 2s.; „	1s. 0 3
New Zealand—Should be sown in February in heat and transplanted in June	...	...	...	...	...	0 8
Orache, or Mountain—Quite distinct	...	...	...	...	...	0 6



SEA KALE.

SEA KALE (SEED)

(*Crambe maritima*).

CULTURE.—Sow in March or April in rows, about 15 inches apart, and keep the plants clear of weeds. Transplant to good, well trenched, and rich ground in clumps of about 4 or 5, and between each lot so planted leave a space of about 3 feet, so that any one can move between them during the growing season.

6d per oz.

For Plants, see page 56.

Cannell & Sons' Complete Seed Guide.

TURNIP (*Brassica ropa*).

CULTURE.—Sow in March, April, and once a month till the end of August. Sow "Six Weeks" and "Snowball" till May; they are the best for early use.



DOBBIE'S MODEL WHITE TURNIP.

	Per oz.—s. d.
Cannells' Selected Early Six Weeks—Beautiful shape, the quickest variety grown, and one of the best for general crop per pint 2s. 0 4	0 4
Early Purple-top Munich—The earliest of all, fine flavour; suitable for exhibition ... 0 4	0 4
American Red Stone—A most excellent kind per pint 1s. 9d. 0 4	0 4
Orange Jelly, or Golden Ball—The best yellow variety per pint 1s. 9d. 0 4	0 4
Chirk Castle Black Stone—A capital variety for August sowing for Winter use; the skin is black and the flesh snowy white. The quality is first-rate, and as the bulbs bury themselves well in the soil they remain good all through the winter and in the most severe weather 0 6	0 6
Early White Stone—Suitable for Summer use per pint 1s. 9d. 0 3	0 3
Jersey Navet—A white variety, oblong shape, mild, sweet flavour, good for late sowing to stand the Winter 0 4	0 4
Green-top Stone—For late sowing per pint 1s. 9d. 0 4	0 4
All the Year Round—A green-top yellow variety, stands the severest weather ... 0 4	0 4
Early Snowball per pint 1s. 9d. 0 4	0 4

Cannell & Sons' Complete Seed Guide.

TURNIP—Continued.



EARLY PURPLE-TOP MUNICH TURNIP.



YELLOW FINLAND
TURNIP.



AMERICAN RED STONE TURNIP.

	Per oz.—s. d.
White Dutch	per pint 1s. 9d. 0 3

Yellow Finland—A splendid variety, which can be sown either in Spring or Autumn; bulbs very even and regular in form, somewhat hollowed at the base, with a very small tap root; smooth skin of a pale orange-yellow colour, the upper part a pale green, yellow flesh, solid and excellent 0 4

Turnip, Model White.—This variety is remarkable for its form, earliness, and quality, and it cannot be too strongly recommended to exhibitors. The *Gardeners' Chronicle* says:—"Model White Turnip is the greatest advance in white varieties that we have seen." Awarded Certificate at the Royal Horticultural Society's Vegetable Conference 0 6

Turnip, Selected Golden Ball.—This was certificated by the Royal Horticultural Society as the best type of yellow garden Turnip. The flavour is excellent, and it stands the winter almost as well as a Swede. It has been awarded numerous prizes, including the first position at the great International Horticultural Exhibitions of Dundee and Manchester 0 6

TOMATO (*Lycopersicum esculentum*).

During the summer our 100-feet house of these, grown specially for trial and seed. None can be better than those now offered.

CULTURE.—Sow in February or March in heat, pot and gradually harden off, so that they may be ready to plant out the latter part of May to a sheltered location.

	Per pkt.—s. d.
Hathaway's Excelsior —A very handsome variety; fruit large, round, and quite smooth	6d. and 1 0
Early Dwarf Red —A quick grower, one of the best for general cultivation	6d. and 1 0
Vick's Criterion —Medium-sized fruit, resembling a plum in shape	6d. and 1 0
Conqueror —An early and free setter and a great cropper, whether under glass or outdoors	6d. and 1 0

Cannell & Sons' Complete Seed Guide.

TOMATO - Continued.



CANNELLS' PERFECTION TOMATO.

	Per pkt.-s. d.
Cannells' Perfection —Perfectly smooth and very solid; ripens evenly and early; enormously productive, and contains very few seeds	1 0
Red Currant, or Cluster —Highly ornamental and interesting, producing an abundance of small fruit in clusters similar to Red Currants, but larger	6d. and 1 0
Greengage —Beautifully bright yellow fruit of agreeable flavour	6d. and 1 0
President Garfield —Enormous size, and ripens evenly; delicious flavour	6d. and 1 0
Large Red	3d. and 0 6
Dedham Favourite	6d. and 1 0
Stamfordian	6d. and 1 0
Hackwood Park	6d. and 1 0
Laxton's Open Air —Has much to recommend it; exquisite flavour; first-rate variety for growing outdoors; a remarkably free setter of good size and prolific, fruiting within several inches from the ground, and continuing up the plant for several consecutive joints	6d. and 1 0
Early Ruby —A capital smooth round variety; good cropper, flavour excellent	6d. and 1 0
Goldfinder .—This is pronounced to be the largest smooth Red Tomato yet seen. It is of beautiful form, brilliant scarlet colour, and exquisite flavour. The flesh is solid, and contains very few seeds. It is specially remarkable for its profuse and continuous bearing	per pkt. 1 0
Conference —Medium-sized fruit, perfect in form, rich in colour, and produced in wonderful freedom, not only under glass but outdoors	1 0

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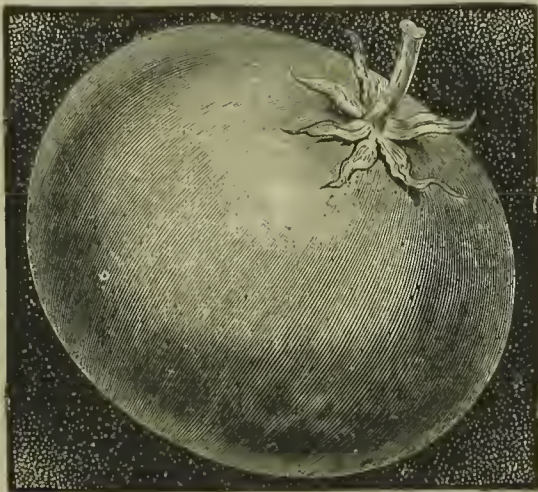
TOMATO—Continued.



TROPHY TOMATO.

Per pkt.—s. d.

The Trophy—This ranks amongst the earliest, and is, without doubt, the largest, most fleshy, and best flavoured of all when well grown 6d. and 1 0

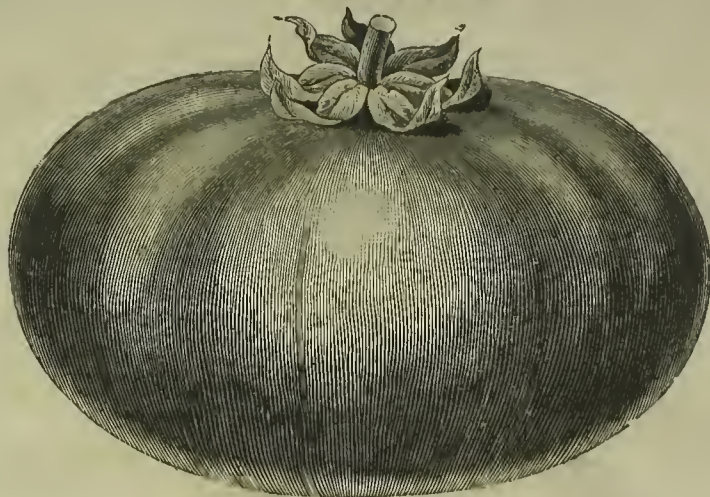


YELLOW TROPHY TOMATO.

Yellow Trophy—Identical in shape and size of the well-known Trophy, but in colour a beautiful yellow 1 0

Cannell & Sons' Complete Seed Guide.

TOMATO—Continued.



MIKADO TOMATO.

Mikado—An American variety, grows to a very large size. one of the best ...

Per pkt.—s. d.

6d. and 1 0



LIVINGSTONE'S FAVOURITE TOMATO.

Livingstone's Favourite—Is one of the best, largest, and most perfect-shaped varieties in cultivation; ripens evenly and early, and holds its size to the end of the season 6d. and 1 0

Cannell & Sons' Complete Seed Guide.

VEGETABLE MARROW (*Cucurbita ovifera*).

CULTURE.—The seed may be sown in a slight heat, the end of March, and shifted from the pots about the middle of May, when, select an open piece of ground and throw out holes from two to three feet square, and one foot deep, which should be at least 12 feet apart, the soil thrown out being used to raise the sides. A layer of dry leaves or litter should be spread over the bottom, and afterwards a sufficient quantity of ordinary good soil, wherein a small portion of leaf soil and spent manure has been mixed, to refill it. The plants being hardened off, should receive at the time of planting a good watering, and be shaded and protected as long as necessary. Planted in this manner they make firmer and shorter jointed growth, are more prolific, less water required, and are not so liable to go off when in full bearing, as often happens under a more forcing treatment. They can also be grown with success outdoors by putting in a few seeds the first week in May, where they are to remain.

Hibberd's Early Prolific—A heavy cropping kind, setting its fruit quicker Per pkt.—s. d.
than some varieties 0 6



LARGE WHITE VEGETABLE MARROW.

Large White—Large size, handsome shape, splendid flavour 0 6



CUSTARD MARROW.

Improved Custard—A very ornamental as well as a useful variety 0 6

Pen-y-byd—A new and distinct variety of great merit; fruit almost globular in shape; colour delicate creamy white; firm flesh, of fine quality and delicate flavour 0 6 and 1 0

Moore's Cream 0 3 ,, 0 6

Large Green 0 3 ,, 0 6

Green Bush, or Cluster 0 3 ,, 0 6

Green Striped 0 3 ,, 0 6

Mixed Varieties 0 2 ,, 0 3

Cannell & Sons' Complete Seed Guide.

CANNELLS' TRANSPLANTED VEGETABLE PLANTS.

Plants of the following Vegetables supplied and sent by Parcel Post, at the periods stated below:—

					Per 100—s.	d.	s.	d.	
Borecole, or Kale—From April to August	...	...	...	...	1	0	to 1	6	according to size.
Broccoli—From May to August	...	...	...	...	1	0	„	1	6 „ „
Brussels Sprouts—From May to July	...	...	...	...	0	9	„	1	0 „ „
Cabbage—From August to April	...	...	...	...	0	9	„	1	0 „ „
Cabbage, Savoy—From May to September	...	...	...	...	0	9	„	1	0 „ „
Coleworts—From June to August	...	...	...	...	1	0	„	1	6 „ „
Cauliflower—From March to August	...	...	...	...	1	6	„	2	0 „ „
Celery—From May to August	...	...	...	...	1	6	„	3	0 „ „
Leek—During May and June...	...	...	...	...	1	6	„	3	0 „ „
Lettuce—Nearly all the year round	...	...	...	...	1	0	„	2	6 „ „
Onions, Autumn sown—During February and March	...	...	...	...	1	0	„	1	6 „ „
Chou de Burghley—May to August	...	...	...	...	2	0	„	4	0 „ „
Tomatoes—February to June	...	...	...	...	2	6	„	2	6 per doz.

LAWN GRASS.

Mixtures of the finest and dwarfest of grasses only; and will produce a splendid thick turf in a very short time.

1 quart will sow 300 square feet; 1 peck will sow 2,400 square feet; 1 bushel, 10,000 square feet; 4 bushels, 1 acre.

20/- per bushel; 5/6 per peck; 1/- per lb. Extra fine mixture, 24/- per bushel; 6/6 per peck; 1/3 per lb.

Clover, White Dutch, for Lawns, 1/6 per lb.

TOBACCO.

VIRGINIAN SEED LEAF	...	...	...	...	3d. and 6d. per packet.
KENTUCKY	...	...	...	...	3d. „
CONNECTICUT SEED LEAF	...	...	...	...	3d. „
HAVANNAH	...	...	...	...	3d. „
MARYLAND	...	...	...	...	3d. „

CULINARY PLANTS, ROOTS, &c.

ASPARAGUS PLANTS.

						s.	d.
Conover's Colossal—1 year	per 100—3	6
„ „ 2 „	„	4 0
„ „ 3 „	„	7 0
Giant or Battersea—1 „	„	2 6
„ „ 2 „	„	4 0
„ „ 3 „	„	6 6

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SEA KALE PLANTS.

Strong Plants	s. d.
Extra Selected	per doz.—1 0
										„ 2 0

ARTICHOKE ROOTS AND PLANTS.

Globe Artichokes (Plants)	...	...	...	...	...	...	...	per doz.—6 0
Jerusalem Artichokes (Tubers)...	...	...	...	...	...	...	...	per peek—1 0

RHUBARB ROOTS.

	Per doz.—s. d.		
Mitchell's Royal Albert	... 7 6	Dancer's Early Scarlet	per doz.—7 0
Johnston's St. Martin	... 7 0	Mixed Varieties	... 6 6
Myatt's Victoria	... 7 0	Extra large, for forcing	... 12 0

POTATO ; OR, UNDERGROUND ONIONS.

6d. per lb.

GARLIC.

1s. per lb.

SHALLOTS.

1s. per lb.

HORSE-RADISH SETS.

Good Plants	...	...	...	...	...	per doz.—1 6
Extra Selected	...	...	...	...	...	... 2 0



STACHY'S TUBERIFERA.

Stachy's Tuberifera.—Quite a novelty, and should be tried by every one. The plant is more profitable than French Beans, and during the autumn and winter season the tubers are welcomed as a variety in vegetables. As a salad it is quite equal to Radishes, being brought to the table in the same way. It is as hardy as Knot Grass, not affected by frost in the least. The tubers should be lifted in November and stored in dryish earth or sand, not in damp material, as with the latter the growth is apt to recommence.

Tubers, per lb. 1 6

All raisers of New and Improved Vegetables are respectfully asked to send us good samples of the same, with the view of purchasing the entire stock.

Canrell & Sons' Complete Seed Guide.

MISCELLANEOUS ARTICLES, MANURES, GARDEN REQUISITES, etc.

Tobacco-Powder—In tins, 1/- and 2/6 each.

Hughes' Fir Tree Oil—1/6 and 2/6 per bottle.

Standen's Manure—In tins, 1/- and 2/6 each.

Gishurst's Compound—In boxes, 1/- and 3/- each.

Fowler's Gardener's Insecticide—In jars, 1/6 and 3/- each.

Fowler's Lawn Sand—For eradicating weeds, daisies, dandelion, &c., from lawns—very effectnal
—Tins, 1/- and 2/6 each.

Raffia Grass—For tying, 1/6 per lb.

Shaw's Tiffany—In pieces, 20 yds. long by 38 inches wide, per piece, 5/-

Gloves, Pruning—Best, per pair, 2/-.

Fumigators, Appleby's—5/- each.

Wolff's Solid Ink Pencils—For writing on wood, 3d. each.

Wood Labels—For Flower Pots (painted), in bundles of 100; per bundle, 4-inch, 8d.; 5-inch, 10d.; 6-inch, 1/-.

Wood Labels—Unpainted, in bundles of 100; per bundle, 3-inch, 4d.; 4-inch, 5d.; 5-inch, 6d.; 6-inch, 7d.; 7-inch, 8d.; 8-inch, 10d.; 9-inch, 1s. 4d.; 10-inch, 1s. 8d.; 11-inch, 1s. 8d.

Garden Netting, Tanned—2 yds. and 4 yds. wide, per yard run, 3d. and 6d.

Thermometers—Boxwood, 1/6 and 2/- each.

Verbena Pegs—Per box, 1/-, containing one gross.

Clay's Fertilizer, or Plant Food—Packets 1/- each.

Hughes' Aphicide—For applying insecticides on small plants, &c. The Aphicide is made so as to fit an ordinary bottle, price 1/6.

Aprons, Gardeners', Shalloon—First quality, 4/6 each.

Garden Trowels—6 inch, 1/- each.

Gishurstine—For preserving gardeners' boots. In tins 6d. and 1/-.

Syringes—Patent Ball Valve, 2 roses and 1 jet. 17/6 and 22/-

Campbell's Fumigating Insecticide—8d., 1/-, 1/3, and 2/3 each; a grand improvement.

Lethorion Cones—6d., 1/-, 1/6 each.

Tweezers—Ivory, 3/6; steel, 1/6.

Instruments—Complete set for dressing Chrysanthemums, 21/-

Indelible Ink—For writing on zinc labels, 6d. and 1/-.

Silver Sand—2/- per bushel.

Sulphur—6d. per lb.

Thomson's Vine Manure—20/- per cwt.

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SANDERS' BOOK ON THE GARDEN.

DECIDEDLY the best Calendar of operations, and a great deal of other matter positively necessary to all who have a garden; in fact, this work should be on the desk of every gardener and amateur for free and ready access to the *employés*, then we should have a more regular and better supply of vegetables, and hear less of failures and scarcities. The Work contains, in addition to the above matter, numerous illustrations, plans of beds, &c., and is beautifully printed and bound in cloth, thus rendering it worthy of a place on the drawing-room table. Price 2s.

OUR WONDERFUL REAL MANURE



Gives a brilliancy in colour and more breadth and substance in petals (that is to say, flowers on plants) than any other. Its effects are most marvellous at this season, if applied to Primulas they will be as good again as they would otherwise. A 1-lb. tin will show its effects.

1-lb. tin 1s., per post 1s. 4½d.; 3-lb. tin 2s. 6d., per post 3s. 1½d.;
6-lb. tin 4s. 6d., per post 5s. 6d.

In Bags—14 lbs. 8s., 28 lbs. 15s., 56 lbs. 25s., 1 cwt. 45s.

DIRECTIONS FOR USE.

Dissolve 1 oz. in a gallon of water, and use twice a week; increase to 1½ oz. by the time the plant is well in flower, and in ten days the effect will be marvellous.

The following shows the marvellous results of using Cannell & Sons' real manure for the production of vegetables:—

Mr. NOAH KNELLER, of Malshanger Park.

The exact dimensions of one onion, 7 inches across, 19 inches round, weight 2 lbs. 9 oz., 12 onions weighing 34 lbs., exhibited at Reading Show.

Mr. F. ATKINSON, Gardener to E. S. TRAFFORD, Esq., Wroxham Hall, Norwich,

March 11th, 1891.

We have grown your *Come to Stay* for two years, and cannot speak too highly of it—in fact, my employer will not eat any other while we have it.

Mr. JAMES GADD, Rose Cottage, Blagdon, Bristol, August 31st, 1891.

I had some potatoes from you—*Victory*, *Come to Stay*, and *Early Puritan*—and am very pleased to say I never had better in my life.

Mr. H. J. FOOT, Post Office, Redbridge, Southampton.

The *Early Puritan* I had of you last season cropped splendidly, and are the best eating potatoes I have ever tried.

Messrs. STEPHEN SPOONER & SONS, Nurserymen, Hounslow, Middlesex.

January 5th, 1891.

The potato *Victory* we purchased of you last season has, with us, turned out a good variety, being of excellent flavour and an abundant cropper.



No.	Price.	No.	Price.	No.	Price.	No.	Price.	No.	Price.
3790	3/-	20	3/6	110	—	323	3/-	104	3/-
6	—	10	4/-	26	—	324	3/-	195	3/6
3	2/6	3791	4/-	2	3/- and 4/-	325	4/-	195 1/2	3/3
1	2/6	6	4/-	15	6/-	126	3/6	196	4/-
13	1/6	25	2/-	17	—	186 1/2	3/-	197	3/6
14	4/6	100	6/- to 8/-	320	2/6	187	3/-	200	2/-
4	17/6	11	1/6	310	3/-	188	3/3	312	3/6
550	4/6	3792	2/6	B L	3/-	189	3/6	312 S B	3/-
104	6/- to 8/-	4	1/6 to 2/6	3 N B	3/-	101	3/-	313	2/9
704	3/-	107	4/-	207	2/9	101 1/2	3/-	230	3/6
120	3/-	23	1/6 to 2/6	204	3/-	103	3/-		

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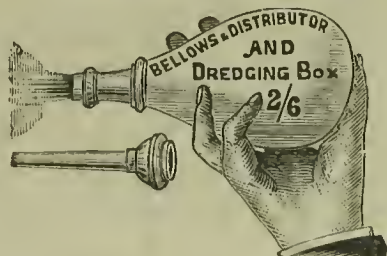
THE DUPLEX.

THE MOST USEFUL AND EASILY WORKED

POWDER DISTRIBUTOR & DREDGING BOX EXTANT.

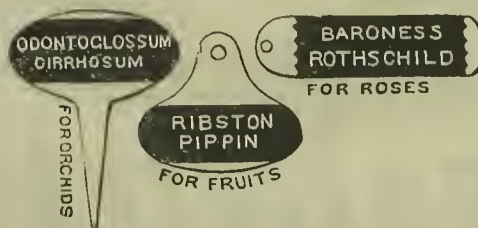
Distributes Insect Powders—"Thanatos," Tobacco Powder, Sulphur, Hellebore, &c.

We recommend this
Sulphur Duster
beyond all others.



2s. 6d. each
by Parcel Post, 2s. 9d.

ACME LABELS.



Acme Label for ORCHIDS, 3s. 6d. per Dozen, or 36s. per Gross.

Acme Label for FRUITS, 1s. 9d. per Dozen, 18s. per Gross.

Acme Label for ROSES, 1s. 3d. per Dozen, or 12s. per Gross.

POSTAGE RATES ON "ACME" LABELS.

LETTER POST.			PARCEL POST.		
ROSES.	FRUITS.	ORCHIDS.	ROSES.	FRUITS.	ORCHIDS.
4 ... 1d.	3 ... 1d.	2 ... 1d.	65 ... 3d.	38 ... 3d.	33 ... 3d.
8 ... 1½d.	5 ... 1½d.	4 ... 1½d.	130 ... 4½d.	76 ... 4½d.	66 ... 4½d.
15 ... 2d.	10 ... 2d.	8 ... 2d.	195 ... 6d.	114 ... 6d.	99 ... 6d.
24 ... 2½d.	15 ... 2½d.	12 ... 2½d.			

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FLOWER SEEDS.



PANSY CALCEOLARIA



VINETARIA PRIMULA



HOLLYHOCK QUILLED ASTER



CALCUTTA FLOWER BALSAM

H. CANNELL & SONS'

(F.R.H.S., M.S.A.)

HOME-GROWN

Extra Choice Flower Seeds,

EXPRESSLY FOR PROFESSIONALS AND AMATEURS,

DIRECT FROM THE GROWERS TO THE SOWERS.

.....
FOR PENNY PACKETS, see Page 152.
.....

NOVELTIES, &c., IN FLOWER SEEDS

For 1892.

Full-sized Packets only of the following Novelties, &c., can be supplied.

PAPAVER GLAUCUM—TULIP POPPY.—New and very showy annual Poppy about 2 feet high, with glaucous foliage and fine shaped large flowers of the most brilliant deep scarlet. The flowers, 4 inches in diameter, keeping their beauty for several days, and the buds expanding each day, the plants are continually in full bloom during the greatest part of the summer. The two outside petals are of double the size than the inside ones, so that each couple form a round cup by themselves, and resemble somewhat the early flowering single Tulips. Seeds are of slow germination. Per pkt., 1s. 6d.

CENTAUREA CYANUS—VICTORIA.—This charming variety of our garden Cornflowers is very dwarf, rarely exceeding 6 to 8 inches in height, and the plants form very pretty miniature globular bushes, which are profusely covered with dark blue flowers. Per pkt., 1s. 6d.

(60a)

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PERPETUAL FLOWERING DWARF DOUBLE MARGARET CARNATIONS—TOM THUMB.

PERPETUAL FLOWERING DWARF DOUBLE MARGARET CARNATIONS—TOM THUMB.—Here with is offered an opportunity which cannot be excelled to every one who is in constant want of fine flowering plants. In growing these beautiful Carnations the greatest possible perfection has been obtained, and it is hardly likely they will ever be surpassed. They are most valuable for pot culture, bedding, groups, borders, &c., and will be highly appreciated by all lovers of the Carnation. The cultivation is quite simple, as they can be sown at almost any time of the year, but must be transplanted at once to the spot where intended to flower. If sown in March they require but very little more attention than many of the common summer flowers. Per pkt., 1s. 6d.



JEWEL ASTER PLANT.

JEWEL OR BALL ASTER—(1) Appleblossom; (2) Deep Rose; (3) Rose with White—Three very handsome varieties of a new and magnificent class of Asters, obtained from the well-known large flowered *Pæony Perfection* tribe. Similar, but somewhat dwarfer in habit than the latter, it distinguishes itself at first sight by its beautiful, shorter-petalled, and perfectly round flowers, which may be compared to the finest varieties of the incurved class of *Cbrysanthemum*. The plants attain a height of about 20 to 24 inches; the fully developed flowers, measuring from $2\frac{1}{2}$ to 3 inches across, are as round as a ball, and, being borne on long stalks, they will prove very useful for cutting and bunching. Each colour separate. Per pkt., 1s. 6d.

NICOTIANA COLOSSEA — Amongst all ornamental foliaged plants coming to perfection the first season from being sown this novelty ranks foremost. It is an annual (perennial when grown under glass), attaining a height of 5 to 6 feet in the open ground. The leaves, of about 3 feet in length by 18 to 20 inches in breadth, are erect at first, gracefully bending down successively. When young they are downy and of a reddish tint, changing to a glossy dark green later on, this lovely green contrasting beautifully with the reddish-brown ribs. The plants being of branching habit and of robust growth, and the leaves being very tough, are never damaged by wind or rain. It is well adapted for subtropical gardening either as single specimens or for groups, with other ornamental-leaved plants. Per pkt. 1s. 6d.

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BEGONIA SEMPERFLORENS ATROPURPUREA—This beautiful new Begonia, although

introduced last season, is so little known that it merits to figure as a novelty once more. Similar in habit to the old and well-known *Begonia Semperflorens*, it surpasses the latter by far by its brilliant orange-carmine flowers, and by its glossy deep brownish-red foliage, the deep red tint growing in intensity as the season advances. The beauty of the male flowers is still enhanced by the bright yellow stamens, which contrast admirably with the brilliant red flowers and the dark metallic leaves. Blooming in the greatest profusion throughout the summer and autumn it cannot be too highly recommended for beds or for pot culture. Per pkt. 1s. 6d.



BEGONIA SEMPERFLORENS ATROPURPUREA.

GODETIA, WHITE PEARL.—New dwarf pure white variety, reproducing itself true from seed. Its individual flowers are not quite so large as those of *G. Duchess of Albany*, but equally as pretty, and of the same satiny-white. On account of its very regular compact growth, it is best adapted for dwarf beds or borders. Per pkt., 6d.

CHRYSANTHEMUM — New double annual hybrid varieties. This valuable and most unique novelty has resulted from carefully hybridizing and selecting for several years the semi-double varieties of this useful annual until a high degree of doubleness has been attained. They are extremely variable, embracing a great variety of tints, ranging from white and yellow to richest purples and crimsons, with intermediate shades of rose, lilac, &c. Per pkt., 1s.



SWEET PEA—PRINCESS VICTORIA.—Standards dark cerise, the wings mauve-pink, and slight lines of rose; very pretty and attractive. Per pkt., 1s.

SWEET PEA—EMPRESS OF INDIA.—Clear rosy-pink standards and white wings; large and very pleasing. Per pkt., 1s.

SWEET PEA—MONARCH.—Bronzy-crimson standards, with rich deep blue wings; a very large and striking variety. Per pkt., 1s.

SWEET PEAS—(Eckford).—Superb large flowering mixture. Per pkt., 1s.

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SWEET PEA—CAPTAIN OF THE BLUES.—The standards bright purple blue, with pale blue wings; a very striking and fine variety. Per pkt., 1s.

SWEET PEA—SENATOR.—A large bold flower, finely expanded standards, shaded and striped chocolate on creamy ground; a lovely variety. Per pkt., 1s.

SWEET PEA—PRIMROSE.—A near approach to a Yellow Sweet Pea, quite novel and distinct in colour; the standards and wings pale primrose yellow. Awarded First-Class Certificate by the Floral Committee of the Royal Horticultural Society in 1887. Per pkt., 2s. 6d.



STREPTOCARPUS, NEW HYBRIDS.—These new hybrids are remarkable for their abundance of bloom, and the continuous succession in which the flowers are produced for about four months in the summer and early autumn, and also for the long time the individual flowers last in perfection. The plant is a greenhouse perennial, of dwarf, neat habit, growing about 9 inches high, with rather long, narrow arched and recurved stemless leaves; whilst the flowers, which are very graceful in form, are trumpet-shaped, and measure about 1½ inches in length.

The variation of colours in these new hybrids is very striking, scarcely two plants being exactly the same, and the colours range from pure white, through pale lavender, lavender-blue, lilac-blue, light mauve, purple, violet, bright rose, and red to rich rosy purple, with all the intermediate tints, and in all the flowers the throat and three lower segments are more or less marked or splashed with long blotches or spots of various shades of purple, generally shaded and relieved with white, which greatly enhances the effect, and affords a pleasing contrast of colour.

If seed is sown the end of January and February the plants come into bloom the following June and July, and continue flowering freely until the end of September and October.

Per packet, 2s. 6d.

(60d)

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CANNELLS' COMPLETE COLLECTIONS OF



The following Collections consist only of Selections from our Eynsford Seed Grounds, of the choicest and most universal favourites of the garden, which we feel sure will give every satisfaction:—

No. 1, Price 21s., contains

- 1 Collection of 12 Varieties of Truffaut's Pæony-flowered Aster
- 1 „ 6 „ Bettridge's Globe Quilled Aster
- 1 „ 12 „ Large Flowering German Ten-week Stock
- 1 „ 6 „ Brompton Stock
- 1 „ 8 „ Double Zinnia
- 1 „ 6 „ Phlox Drummondii
- 12 Varieties of Showy Hardy Annuals
- 6 „ Popular Hardy Perennials
- 6 „ Half-hardy and Tender Annuals
- 3 „ Ornamental Grasses for Winter Bouquets and Table Decoration
- 3 „ Everlasting Flowers
- 1 oz. Sweet Peas, finest mixed
- 1 „ Mignonette, Sweet Scented
- 1 „ Nasturtiums, Dwarf, mixed
- 1 Packet choice Petunias
- 1 „ Balsam, Cannells' Perfection
- 1 „ Sunflower, Single, mixed

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COLLECTIONS OF FLOWER SEEDS—*Continued.*

No. 2, Price 10s. 6d., contains

- 1 Collection of 6 Varieties of Truffaut's Pæony-flowered Aster
- 1 " 6 " Large Flowering German Ten-week Stock
- 6 Varieties of Half-hardy and Tender Annuals
- 6 " Hardy Perennials
- 12 " the best and most showy Hardy Annuals
- 3 " Everlasting Flowers
- 3 " Ornamental Grasses for Winter Bouquets
- 1 Packet of Double Zinnias, mixed
- 1 " Petunia, choice, mixed
- 1 " Balsam, Cannells' Perfection
- 1 " Sunflower, Single, mixed
- $\frac{1}{2}$ oz. Sweet Peas, finest mixed
- $\frac{1}{2}$ " Mignonette, Sweet Scented

No. 3, Price 7s. 6d., contains

- 10 Varieties of Showy Hardy Annuals
- 6 " Half-hardy and Tender Annuals
- 6 " Hardy Perennials
- 1 Packet of Truffaut's Pæony-flowered Aster
- 1 " German Ten-week Stocks
- 1 " Double Zinnia, mixed
- 1 " choice Petunias
- 1 " Mignonette, Sweet Scented
- 1 " Balsam, Cannells' Perfection
- 1 " Sweet Peas, finest mixed
- 1 " Everlasting Flowers, mixed
- 1 " Ornamental Grasses, mixed
- 1 " Sunflowers, Single, mixed

No. 4, Price 5s., contains

- 6 Varieties of Showy Hardy Annuals
- 3 " Half-hardy and Tender Annuals
- 3 " Hardy Perennials
- 1 Packet of Double Zinnias, mixed
- 1 " Truffaut's French Asters
- 1 " German Ten-week Stocks
- 1 " Balsam, Cannells' Perfection
- 1 " Mignonette, Sweet Scented
- 1 " Sweet Peas, finest mixed
- 1 " Ornamental Grasses, mixed
- 1 " Everlasting Flowers, mixed
- 1 " Sunflowers, Single, mixed

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COLLECTIONS OF FLOWER SEEDS—*Continued.*

No. 5, Price 2s. 6d., contains

- 3 Varieties of Showy Hardy Annuals
- 3 ,, Half-hardy Annuals
- 1 Packet of Balsam, Cannells' Perfection
- 1 ,, Best Quilled Aster
- 1 ,, German Ten-week Stocks
- 1 ,, verlasting Flowers
- 1 ,, Ornamental Grasses
- 1 ,, Sweet Peas
- 1 ,, Mignonette
- 1 ,, Sunflowers

No. 6, Price 1s., contains

- 12 Packets of the most Showy Hardy Annuals for an Amateur's Garden. ●
- Cheaper by the dozen or gross.

No. 7, Price 3s. 6d., contains

- 18 Packets of the most useful Annuals for cutting.

CANNELLS' COLLECTIONS OF THE BEST ASTERS IN DISTINCT COLOURS.

DWARF BOUQUET.

12 distinct colours, separate	...	...	...	...	...	...	...	...	2s. 6d.
6 ,, ,, ,,	...	...	...	...	...	...	...	...	1s. 6d.

NEWEST IMPROVED PÆONY PERFECTION.

12 distinct colours, separate	2s. 6d.
6 ,, ,, ,,	1s. 6d.

WASHINGTON.

6 distinct colours, separate	2s. 0d.
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IMBRICATED POMPON.

12 distinct colours, separate	2s. 6d.
6 ,, ,, ,,	1s. 6d.

GIANT EMPEROR.

6 distinct colours, separate	2s. 0d.
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COLLECTIONS OF FLOWER SEEDS—*Continued.*

VICTORIA.

12 distinct colours, separate	2s. 6d.
6 " " "	...	...	...	...	...	...	...	...	1s. 6d.

ENGLISH QUILLED, OR GLOBE.

12 distinct colours, separate	2s. 6d.
6 " " "	1s. 6d.

DWARF SHAKESPEARE.

6 distinct colours, separate	2s. 0d.
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DWARF CHRYSANTHEMUM, FLOWERED.

12 distinct colours, separate	2s. 6d.
6 " " "	1s. 6d.

COCARDEAU or CROWN (white centre).

6 distinct colours, separate	1s. 6d.
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CANNELLS' COLLECTIONS OF THE BEST STOCKS IN DISTINCT COLOURS.

LARGE FLOWERING GERMAN TEN-WEEK.

12 distinct colours, separate	3s. 0d.
6 " " "	1s. 6d.

WINTER INTERMEDIATE.

6 distinct colours, separate	1s. 6d.
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EAST LOTHIAN INTERMEDIATE.

4 distinct colours, separate	2s. 0d.
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GERMAN EMPEROR.

12 distinct colours, separate	3s. 0d.
6 " " "	1s. 6d.

BROMPTON STOCK.

12 distinct colours, separate	3s. 0d.
6 " " "	1s. 6d.

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MISCELLANEOUS COLLECTIONS.

	s.	d.
Antirrhinum, 8 choice varieties, separate	2	0
Balsam, Camellia Flowered, 12 varieties, separate	3	0
" " " 6 " " " " " " " " " " " "	1	6
Carnation, Fancy, 12 varieties, separate	3	0
" " " 6 " " " " " " " " " " " "	1	6
Carnation, self colours, 12 varieties, separate	3	0
" " " 6 " " " " " " " " " " " "	1	6
Cocksecomb, Dwarf, 12 varieties, separate	2	6
" " " 6 " " " " " " " " " " " "	1	6
Convolvulus, Major, 6 varieties, separate	1	6
Helichrysum Monstrosum, 6 varieties, separate	1	6
Hollyhock, Chater's, 6 varieties, separate	4	0
Larkspur, Hyacinth Flowered, 6 varieties, separate... ..	1	6
" " Giant Rocket, 6 varieties, separate	1	6
Pansy, 12 choice varieties, separate	2	6
" " 6 " " " " " " " " " " " "	1	6
Phlox Drummondii, 12 varieties, separate... ..	3	0
" " " 8 " " " " " " " " " " " "	2	0
Phlox Drummondii Grandiflora, 8 varieties, separate	2	6
Picotee, 12 choice varieties, separate	3	6
" " 6 " " " " " " " " " " " "	2	0
Pea, Sweet, 7 fine varieties, separate	1	6
Portulaca Grandiflora Fl. Pl., 6 varieties, separate	1	6
Salpiglossis, 6 large flowering varieties, separate	1	3
Scabious, Dwarf, Double, 6 varieties, separate... ..	1	3
Tropæolum Lobbianum, 6 varieties, separate	1	3
Wallflower, Double German, 12 varieties, separate	3	6
" " " 6 " " " " " " " " " " " "	2	0
Zinnia Elegans, Double, 8 varieties, separate	2	0
" " " Single, 6 " " " " " " " " " " " "	1	6
Everlasting Flowers, 12 varieties, separate	2	0
" " " 6 " " " " " " " " " " " "	1	0
Ornamental Grasses, 12 varieties, separate	2	6
" " " 6 " " " " " " " " " " " "	1	6

Half-packets at half-price of all Flower Seeds where priced 1s. and upwards, except collections and novelties.

For Penny Packets, see page 152.

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CANNELLS' FLOWER SEEDS BY WEIGHT.

The following Seeds grown by us in large quantities enables us to supply them by weight at the annexed low prices, in quantities of not less than one ounce of each kind.

	Per Ounce.—s. d.
Alyssum, Sweet	1 0
Antirrhinum, mixed; our own choice strain	2 6
Aquilegia, finest, mixed	1 6
Calloopsis, Coronata	1 0
Candytuft, White Rocket... ..	1 0
„ Crimson... ..	1 0
„ Mixed	0 9
Clarkia, mixed	0 9
Convolvulus, Minor, blue	0 6
„ Major, mixed	0 10
Digitalis (Foxglove)	1 0
Erysimum Perowskianum... ..	0 9
Eschscholtzia Crocea	0 9
Limnanthes Douglasi	0 9
Linum Grandiflorum Rubrum	1 6
Love-lies-Bleeding	1 0
Mignonette, Sweet Scented	0 9
Nasturtium, Tall, mixed	0 6
„ Tom Thumb, Scarlet	1 0
„ „ Pearl	1 0
„ „ Crystal Palace Gem	1 0
„ „ Beauty	1 0
„ „ Spotted	1 0
„ „ King	1 0
„ Dwarf, mixed	0 9
Nemophila Insignis, blue	0 6
Pea, Sweet, mixed (Very scarce, price variable).	
Poppy, fine mixed	1 0
Saponaria Calabrica	1 0
Silene, mixed	0 9
Sweet William; our own choice strain	1 6
Virginian Stock, Red	0 9
„ „ White	1 0
Wallflower, dark	2 0
„ mixed	1 6

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MIXED FLOWER SEEDS

Suitable for Shrubberies, Rockeries, Woodland Walks, Large Banks, &c.

Sow broadcast during March, April, and May, or during August and September for Spring flowering.

						s.	d.		s.	d.
Tall varieties	...	...	...	...	...	5	0	per lb.	0	6
Dwarf "	...	...	...	...	...	5	0	"	0	6

Not less than one ounce will be supplied at above prices.

ORNAMENTAL GRASSES.

THESE beautiful, fine, feathered-like Grasses are exceedingly ornamental, and are much grown—in fact, thousands are sold in Covent Garden, and they contrast most beautifully amongst high-coloured flowers either in pots or bouquets, winter and summer. Their culture is very simple: treat them similar to Asters, and they will be sure to give a charm to every garden. The following will be found the most useful:—



AGROSTIS PULCHELLA. 3d. per pkt.



BRIZA GRACILIS. 3d. per pkt.



BRIZA MAXIMA, OR QUAKING GRASS.
3¹/₂ per pkt.



COIX LACHRYMA, OR JOB'S TEARS.
3d. per pkt.

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ERAGROSTIS ELEOANS, OF LOVE GRASS.

3d. per pkt.



PENNISETUM VILLOSUM.

3d. per pkt.



EULALIA JAPONICA ZEBRINA.

EULALIA JAPONICA ZEBRINA—This beautiful variegated grass is a native of Japan. It grows from 3 to 4 feet high, and it is reported to be hardy. It has a grand appearance when in bloom, and should prove extremely valuable as a plant for grouping with lilies and aquatics round the edges of aquaria, ponds, &c. 1s. per pkt.

AGROSTIS NEBULOSA—3d. per pkt.

GYNERIUM ARGENTEUM (Pampas Grass)—3d. per pkt.

LAGURUS OVATUS (Hare's Tail Grass)—Very pretty for bouquets. 3d. per packet.

PANICUM SULCATUM—3d. per pkt.

STIPA PENNATA (Feather Grass)—3d. per pkt.

MIXED VARIETIES, 3d. per pkt.

GENERAL LIST OF FLOWER SEEDS.

ABBREVIATIONS.

A.C. Annual Climber.
AP. Apetalous, without petals.
G.A. Greenhouse Annual.
O.P. Greenhouse Perennial.

H.H.SH. Half-hardy Shrub.
H.A. Hardy Annual.
H.H.A. Half-hardy Annual.
H.H. Hardy Herbaceous.

H.B. Hardy Biennial.
H.H.B. Half-hardy Biennial.
H.P. Hardy Perennial.
H.H.P. Half-hardy Perennial.

HARDY ANNUALS may be sown from February till the end of September; March, April, and May are the best months for general summer display; June and July for autumn blooming; August and September for spring flowering. **Half-hardy Annuals**—Sow from the beginning of March to the end of May; place in a frame on a gentle bottom heat. When sowing from the middle of April to the end of May, they may be easily raised without artificial heat, and by selecting a warm, sheltered, situation, and covering them with a hand-light till they are strong enough to bear transplanting.

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BIENNIALS AND PERENNIALS—*The most select and tender varieties for summer and autumn blooming may be sown in a gentle heat in March and April, and picked out into pots until fully established, and then potted off singly, or transplanted into the open ground, as required. The hardier varieties may be sown in the open ground, in prepared beds, in June and July, and when strong enough, transplanted to where they are intended to bloom the following year.*

HERBACEOUS PLANTS are those Perennials which lose their stems annually, whilst the roots continue alive in the ground.

Half-packets at half price of all Flower Seeds where priced 1s. and upwards, except collections and novelties.

For Penny Packets, see page 152.



ABUTILON.

H. H. SH. **ABUTILON**—Saved from ours, the finest collection ever brought together, containing the most beautiful and varied colours. 1s. per pkt.

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H.H.SH. **ACACIA LOPHANTHA**—A fine, fern-like foliage plant for greenhouse or window decoration. 3d. per pkt.

H.H.A. ***ACROCLINIUM GRANDIFLO-
RUM ATROROSEUM** (Everlasting)—Very large flowered; dark. 3d. per pkt.

H.H.A. ***ACROCLINIUM ALBUM**—White flowered; very beautiful. 3d. per pkt.

* Flowers of these should be gathered before they are fully opened, so as to secure a bright centre when dried.

H.H.A. ***ACROCLINIUM ROSEUM
FLORE PLENO**—The usefulness of a double form of so popular and useful an everlasting as the *Acroclinium* undoubtedly is, needs no comment. The densely double flowers are faultless both in shape and colour. On first unfolding, the flowers show a charming rosy hue, fading to a delicate pink at a later stage. A great advantage lies in the flowers having less tendency to close in damp weather than the single kind. 6d. per pkt.



**ACROCLINIUM GRANDIFLO-
RUM ATROROSEUM.**

H.A. **ADONIS ÆSTIVALIS** (Flos Adonis)
—Has bright crimson flowers protruding from finely cut dark green foliage. 3d. per pkt.

H.A. **ADONIS AUTUMNALIS**—Crimson; flowers in autumn. 3d. per pkt.

H.P. **ADONIS VERNALIS**—Flowers 2 in. across, of a bright yellow colour; charming for flower-border decoration in spring. 3d. per pkt.



ACROCLINIUM ROSEUM FL. PLENO



ADONIS VERNALIS.

H.H.A. **AGERATUM, "CANNELLS'
DWARF"**—The best of all the blues. 3d. per pkt.

H.H. **AGERATUM, "SWANLEY BLUE"**
—Dwarf. 3d. per pkt.

H.H.A. **IMPERIAL DWARF WHITE.**
3d. per pkt.

H.A. **AGROSTEMMA CŒLI ROSA**—
Dwarf, fringed, and very pretty. 3d. per pkt.

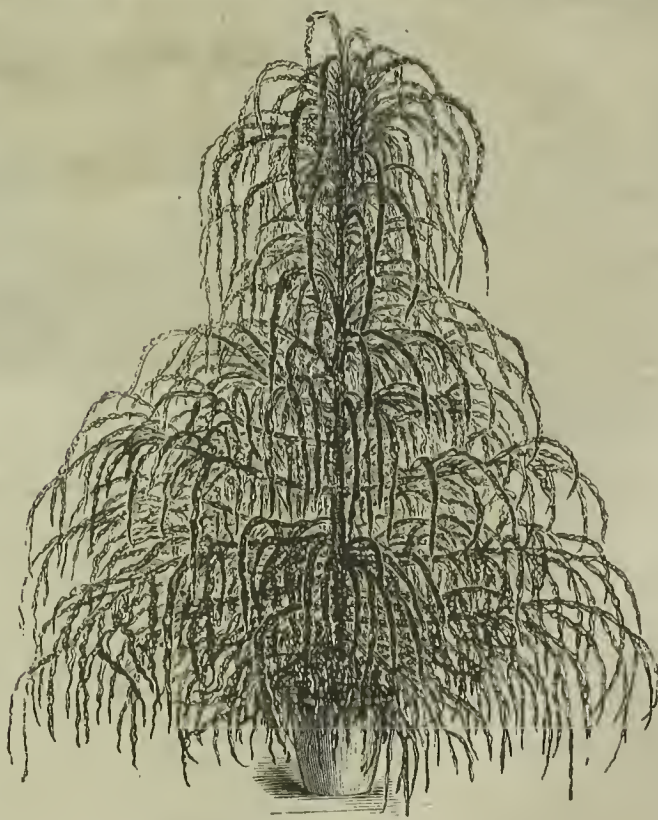
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AGROSTEMMA CÆLI ROSA.



AMARANTHUS MELANCHOLICUS RUBER.



AMARANTHUS SALICIFOLIUS

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H.P. **AGROSTEMMA CORONARIA** (Rose Campion)—Pretty rose coloured. 3d. per pkt.

H.P. **AGROSTEMMA CORONARIA ATROSANGUINEA**—Flowers large, deep crimson. 3d. per pkt.

H.H.A. **ALONSOA LINIFOLIA**—Showy flower, bright scarlet. 3d. per pkt.

H.H.A. **ALONSOA ALBIFLORA**—White. 3d. per pkt.

H.A. **ALYSSUM MARITIMUM** (Sweet Alyssum)—Flowers white; if sown in clumps it has a very pretty effect. 3d. per pkt.

H.A. **ALYSSUM BENTHAMII COMPACTUM**—New erect flowering, quite distinct; charming neat little annual. 3d. per pkt.

H.P. **ALYSSUM SAXATILE**—Yellow. 3d. per pkt.

H.A. **AMARANTHUS CAUDATUS** (Love-lies-bleeding)—Exceedingly graceful, free-flowering, ornamental plant, about 2 feet high; red. 3d. per pkt.

H.H.A. **AMARANTHUS TRICOLOR**—Dwarf, leaves marked with scarlet and rich bronzy purple; beautiful foliage. 3d. per pkt.



ANCHUSA ITALICA.

H.H.A. **AMARANTHUS MELANCHOLICUS RUBER**—A compact growing variety, with large shaded crimson leaves; average height of plants about 1 foot. 3d. per pkt.

H.H.A. **AMARANTHUS, "PRINCESS OF WALES"**—One half leaves is intense carmine with olive-green tips, the remainder orange-yellow, beautifully veined with pink; splendid plants for table decoration. 1s. per pkt.

H.H.A. **AMARANTHUS (HYBRID) "HENDRI"**—Graceful habit, brilliant colours, gives a striking effect. 1s. per pkt.

H.H.A. **AMARANTHUS SALICIFOLIUS** (The Fountain Plant)—One good plant will repay all trouble. Sow early in March. 3d. per pkt.

H.P. **ANCHUSA ITALICA**—Deep blue. 3d. per pkt.

H.H.P. **AMMOBIUM ALATUM GRANDIFLORUM** (Everlasting)—Flowers pure white, of a small rosette shape, reminding one of the old *Bachelors' Buttons*. It is of a very easy growth, and of great value for cut flowers all the winter. 3d. per pkt.



ANTIRRHINUM.

H.P. **ANEMONE CORONARIA**—Mixed. 3d. per pkt.

H.P. **ANEMONE FULGENS** (Scarlet Wind Flower)—Graceful habit, flowers beautiful, bright scarlet. 1s. per pkt.

H.P. **ANTIRRHINUM** (Snapdragon)—Handsome free-flowering border plants; decorative the first season when sown early. These are from our best named varieties, and it is impossible to find a more distinct selection. The greater part of them are beautifully striped. See our Collection, in Floral Guide, of named kinds. 6d. per pkt.

H.P. **ANTIRRHINUM, TOM THUMB**—Perfectly distinct from the above, the flowers are not quite so large, but their dwarf stiff growth and shiny foliage, with masses of blooms, renders them exceedingly attractive. 3d. per pkt.

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G.S. **ARALIA SIEBOLDII** — Handsome, ornamental foliage plant. (*New seed ready in April.*) 1s. per pkt.



AQUILEGIA CHRYSANTHA.

H.P. **AQUILEGIA**—Finest Hybrids, mixed. 1s. per pkt.

H.P. **AQUILEGIA VULGARIS** — Mixed (Columbine). 3d. per pkt.

H.P. **AQUILEGIA SKINNERI**—Red, with tips of the petals golden yellow; grows 2 to 3 feet high. 1s. per pkt.

H.P. **AQUILEGIA CHRYSANTHA**—Beautiful yellow, very useful for cutting. 1s. per pkt.

H.P. **AQUILEGIA CÆRULEA HYBRIDA**—The flowers are large and well opened, the centre petals clear sulphur-yellow, and the spurs and sepals a charming shade of pale blue; foliage

very handsome; it is perfectly hardy, and grows well in almost any soil. 1s. per pkt.



DOUBLE AQUILEGIAS.

H.P. **AQUILEGIA CALIFORNICA HYBRIDA**—Flowers large, the centre petals are yellow, and form a marked contrast to the deep orange red of its sepals and spurs. 1s. per pkt.

H.P. **AQUILEGIA GLANDULOSA** (Grigor's Variety)—Tips of petals white, sepals dark blue, large blooms, plant 1½ to 2 feet high; one of the most beautiful of this family. 1s. per pkt.

H.P. **AQUILEGIA GRANDIFLORA ALBA**—Fine pure white flowers; one of the best for cutting. 6d. per pkt.

H.P. **ARABIS ALPINA**—A beautiful, hardy, miniature-growing plant, and for permanent edging or spring bedding one of the best plants in cultivation; flowers white. 3d. per pkt.

H.A. **ARGEMONE GRANDIFLORA**—Large, white, daisy-shaped flowers; may be sown in borders in April. 3d. per pkt.

H.A. **ARGEMONE MEXICANA**—Yellow. 3d. per pkt.

H.P. **ASPERULA ODORATA**—(Woodruff) White sweet-scented flowers, dwarf; thrives well in the shade. 3d. per pkt.

Mr. ARCH. FRASER, Maxwelltown, E. Kilbride, by Glasgow.

I received first for your Quilled Asters and Mignonette last year, and I expect the same this year.

Mr. THOMAS FASEY, Grant Cottage, Lower Stream, Kingswinford, near Dudley.

I have much pleasure in saying all the seed I had from you last year turned out splendidly. The Asters were the admiration of all who saw them; without any exception they were the finest I ever saw. Some of the centre blooms of both the *Victoria* and *Shakespeare* measured 5½ inches across.

LADY HIGGINSON, Connellmore, Newbridge, County Kildare.

Lady Higginson was much pleased with Mignonette seed sent last year, it was large and flowers very red. Other flower seeds sent gave great satisfaction, particularly the white *Victoria* Aster.

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ASTERS.

Sow Aster seed in April and May, in pots, or on a spent hot-bed, in drills 4 inches apart; when the plants are 1 inch high prick out into a cold frame, or under hand-glasses, 3 to 4 inches apart, from whence they can be planted out when 4 inches high; select showery weather for planting, when the ground is in good working order; plant out in rows 1 foot apart each way. To grow Asters to perfection a rich deep soil is indispensable, and during dry weather they should be watered, and a top-dressing of well-rotted manure applied early in August. Be very particular that they are always thoroughly free from insects when they are planted out, otherwise the leaves will become curled, and vigour and perfection lost for the season. If required for exhibition the buds should be thinned, and the plants well watered with liquid manure. During the last fortnight cover with glass.

H.H.A. **COCARDEAU**, or **CROWN**—A very striking and distinct class, each flower having a white centre surrounded by rose, crimson, blue, &c. Per pkt, Mixed, 1s.



COMET ASTER

H.H.A. **COMET ASTER**—Large and extremely double flowers, similar in shape to the Japanese Chrysanthemum. Per pkt., Mixed, 1s. 6d.

H.H.A. **DWARF BOUQUET**—Best of the dwarf Asters, growing about 6 inches; the flowers are all bi-coloured, small, flat-petalled, and very free. Exceedingly pretty, and makes very attractive beds; suitable for pot culture. Mixed. 1s. per pkt.

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BOUQUET ASTER.

IMPROVED PÆONY PERFECTION ASTER.

H.H.A. The flowers combine the enormous size of the Giant Emperor Aster with the greatest perfection in form and doubleness of the Pæony class. The plants are of pyramidal growth. The yield of seeds is a very small one. Mixed colours, 1s. per pkt.

WASHINGTON ASTER
—Extra fine varieties for exhibition. Mixed, 1s. per pkt.



IMPROVED PÆONY PERFECTION ASTER.



VICTORIA ASTER.

H.H.A. **TRIUMPH ASTER, DEEP SCARLET**—The most perfect and beautiful of all dwarf Asters. It forms an entirely new class, reproducing itself true from seed, attaining a height of but 7 to 8 inches. The colour is peculiarly rich and brilliant; when beginning to bloom it is a pure scarlet, but when in full bloom it changes to a magnificent satiny deep scarlet, presenting thus, with these two brilliant colours, a lovely sight. It is well adapted for beds, groups, carpet bedding, or pot culture. Per pkt., 1s. 6d.

H.H.A. **IMBRICATED POMPONE ASTER**—The colouring is precisely the same as that of the Dwarf Chrysanthemum and Giant Emperor races. Fine for bouquets. 1s. per pkt.

H.H.A. **EMPEROR, or GIANT ASTER**—Also a very fine class of Pyramidal Asters, bearing large flowers. The flowers frequently measure 4 inches in diameter, much resembling shining satin. Mixed, 1s. per pkt.

H.H.A. **VICTORIA ASTER**—The finest variety in cultivation, and for exhibition purposes unequalled. Flowers perfectly double, imbricated, globular, and as large as the *Giant Emperor Aster*. Each plant on an average produces from six to eight flowers; habit very robust. Mixed, 1s. per pkt.

H.H.A. **VICTORIA ASTER DWARF**—A very dwarf class of the preceding, height about 12 inches. A suitable variety for pots. Mixed, 1s. per pkt.

H.H.A. **PURE WHITE VICTORIA**—All are, we presume, fully aware that the ordinary mixed colours of the Victoria variety are the most prized by growers of all the Asters. We need hardly say the value of a bed of pure white of this kind will at once be seen; we have much pleasure in offering this to our customers. 1s. & 2s. per pkt.

Mr. W. DIDDAMS, Gardener to Col. PUGET, Poynter's Grove,

Totteridge, Herts, October 29th, 1891.

The Asters from your seed are the best I ever saw. All your seeds gave satisfaction.

Cannell & Sons' Complete Seed Guide.



Cannell & Sons' Complete Seed Guide.

N.H.A. ENGLISH QUILLED, OR GLOBE.

The guard petals sit regularly round, and are thickly quilled, with very high centres; for size and shape they are superior to those usually seen at exhibitions. It is well known to all lovers of this class that if home-grown it is superior to that imported. Our large Aster bed in September is generally the finest seen in England. Mixed, 1s. per pkt.

N.H.A. SHAKESPEARE ASTER.

Distinct kind, prettiest of all dwarf Asters, the plants forming a compact bush of 6 to 10 inches in diameter and only 6 inches high, producing extra double well-imbricated flowers. Very valuable for pot culture, edgings, and groups; extremely free blooming, and keeps in flower till the frost sets in. The finest colours mixed, 1s. per pkt.

N.H.A. PRIDE OF THE MARKET ASTER, WHITE.

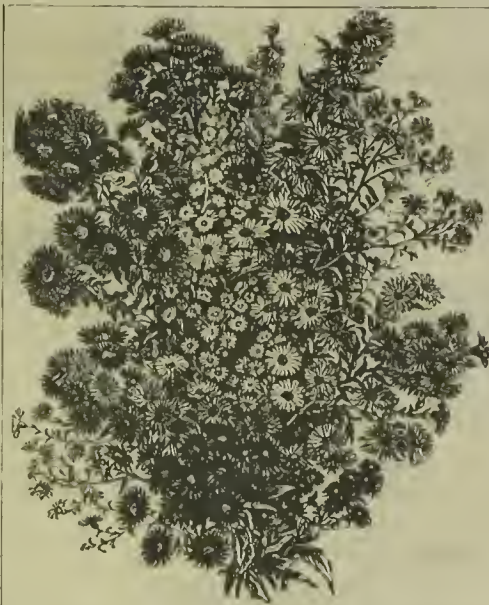
A capital Aster for cutting purposes, blooming quite three weeks earlier than any other kind. 1s. per pkt.

N.H.A. HUMBOLDT ASTER.

A very elegant and large Pæony flowering variety of this much-admired section of Asters. They are, by their graceful growth, free-blooming, and extremely showy qualities, well adapted for groups. 10 to 12 inches high. Mixed, 1s. per pkt.

N.H.A. DWARF CHRYSANTHEMUM-FLOWERED ASTER.

Can scarcely be too highly recommended, dwarf compact growth; large, beautifully shaped flowers, very suitable for bedding, and marginal belts to other tall varieties. Mixed colours, 1s. per pkt.



PERENNIAL ASTER.

N.P. ASTER, PERENNIAL—From a splendid collection; sown early they will flower the same year. These are most useful for all kinds of decoration, and are also quite the fashion. Sow in heat. Mixed, 1s. 6d. per pkt.

For collections of plants of Perennial Aster, see *Floral Guide*.

N.H.A. AUBERGINE (Egg PLANT).

Handsome fruit-bearing annual, fine for table decoration. Sow in heat in March, pot off in rich soil; the chief thing is to keep them thoroughly free from insects. Mixed, 3d. per pkt.

N.P. AURICULA. Handsome favourite hardy perennials.



ALPINE.



SEEDLING.

Cannell & Sons' Complete Seed Guide.

AURICULA, FINEST PRIZE SHOW VARIETIES, 2s. 6d. per pkt. ALPINE, 1s. per pkt.

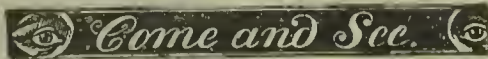
H.H.A. **BARTONIA AUREA**—Cup-shape flowers of a bright golden yellow, the centre resembling a bunch of fine yellow silk, foliage blue-green; very pretty. 3d. per pkt.

ORNAMENTAL FOLIAGE BEET.

H.A. **BETA CHILIENSIS**—This magnificent variety is admired by all who visit our Nursery. The gorgeous colouring of its broad-stemmed foliage cannot fail to render it a most effective plant either for borders or shrubbery. 3d. per pkt.

H.A. **LEE'S BELVOIR CASTLE**—A dwarf compact-growing Beet, with intensely dark purple glossy leaves, the best variety for flower garden decoration; the root also is excellent, being deep red, tender, and of good flavour. 3d. per pkt.

BALSAMS (Impatiens Balsamina Camelliae flore).



Our 100-feet house was the finest sight of Balsams ever seen, and the many visitors to our "Home of Flowers" pronounced them grand, being so very double; but considering the number of plants grown, the crop of seed yielded is very limited.

Sow in March, in pans, and place on a brisk hot-bed. When the young plants are up, pot off into 3-inch pots, shifting into larger size as they appear to require it, 6 and 8-inch pots being sufficiently large for the last shift. The soil best suited is half good strong loam, and half rich rotten manure and leaf mould. A moist and genial atmosphere in a cold frame, exposed fully to all the light and air at all favourable opportunities, and as soon as the soil becomes exhausted let them be well supplied with liquid manure twice a week, for it is impossible to grow them good without it.



BALSAM, CANNELL'S PERFECTION.

Cannell & Sons' Complete Seed Guide.

II. II. A. BALSAM, CANNELL'S PERFECTION—Our house of these when in bloom is a grand sight. 1s. per pkt.


II. II. A. DWARF CAMELLIA-FLOWERED BALSAM—Imbricated double, large flowered. Lilac, rose, vermilion, pale lilac, bright rose; all colours mixed. 1s. per pkt.

**Half-packets at half-price of all Flower Seeds,
except Collections and Novelties, where priced 1s.
and upwards.**

For Penny Packets of Flower Seeds, see page 152 of this Catalogue.

TUBEROUS BEGONIAS.

BOTH SINGLE AND DOUBLE.

 **OUR BEGONIAS** are lovely indeed. Ten Houses, 100 feet each, filled with the choicest of the choice. Colours so wide, deep, varied, and brilliant, together with their short stiff growth and freshness in flowering, shows a marked development and advance on the ordinary strains. Our two acres out of doors, consisting of at least 200,000 plants, were all the season the grandest sight ever seen in this family. Our New Crimson Scarlets are a surprising advance. These, together with all our other trials of all the best flowers and vegetables, is a great horticultural treat, and should be seen by all so as to ensure success for next season.

JOURNAL OF HORTICULTURE.

"I dropped in at Mr. Cannell's. It is impossible to exaggerate the beauty of some of the flowers which I saw. I had only time to run through the grand Pelargonium house, the Ivy-leaved Pelargoniums, and the single and double Begonias; but what a blaze of beauty there was! Then, when one recollects the old Ivy-leaved Pelargonium, and sees the wondrous trusses of double flowers and beautiful colours which are yet to come out, we wonder what will follow. The same of Begonias. The marvellous single and double varieties are bewildering in their beauty. There was also a grand new Heliotrope, finer than anything I had seen. Had I been able to remain I should doubtless have seen many wonderful things, but I saw enough to convince me that the 'Home of Flowers' is in no danger of losing its reputation."

SOMERSETSHIRE RECTOR says:—"I saw Begonias at Swanley. Their beauty well repays a visit; the shape, colour, and habit are excellent. If anything is wanted where everything is so near perfection it is a more upright flower-stalk, which a few more seasons will certainly produce."

W. E. MACKENZIE, The Gardens, Thurso Castle, Thurso, N.B., *September 28th, 1891.*

No doubt you will be glad to hear how the Begonias I had from you last year have succeeded in the extreme north—far beyond my most sanguine expectations. The brilliancy and profusion of the flowers were marvellous, while some of them measured within a fraction of 6 inches across, and were the admiration of everyone who saw them.

The Press says:—"Cannell's Begonias were the centre of attraction at the great show at Liverpool, August 6th, 1888. Awarded First-class Certificate."

Frequent trains from London. Entrance from the station. All lovers of the best Flowers and Vegetables are cordially invited. No horticultural establishment is filled with such an amount of interesting objects as ours at all seasons. **SEND FOR A CATALOGUE.**

FIRST PRIZE at Regent's Park, April, 1890, for the best 12 Varieties.

We have received more First-Class Certificates and Awards of Merit than all other growers put together.

THE GREAT BEGONIA TEST.

Daily Chronicle, June 21st, 1888.

Begonias.—Mr. Cannell a Grand First. (7 entries.)

More important in point of honour and excellency than any other previous award; even that when we secured the Gold Medal of the Royal Horticultural Society.

Cannell & Sons' Complete Seed Guide.

Seeds sown 1st February.

Plant Photographed in August.



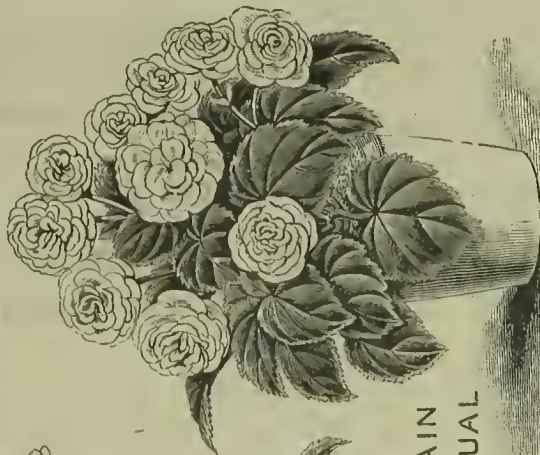
CANNELLS' COMPACTA GRANDIFLORA.



ORDINARY STRAIN
DESCRIBED AS EQUAL
TO OURS

Seeds sown 1st February.

Plant Photographed in August.



CANNELLS' COMPACTA GRANDIFLORA, FL. PL.

THE HORTICULTURAL TIMES.

F. D. LYON, Esq., one of our greatest authorities, says:—"At Messrs. Cannells' establishment ALONE in all England can Begonias and Zonals be seen grown to perfection. With other collections of these families comparisons are odious."

Canneil & Sons' Complete Seed Guide.

Full particulars, see New Plants and our General Collection in *Floral Guide*.

Scatter the Seed on a level, moderately firm surface, cover with glass and paper, keep it in darkness until germinated. Sow and place in heat at any time of the year, or as soon as the seed is ripe, pot the young seedlings off as soon as large enough, and re-pot when necessary; in three or four months they begin to display their beautiful blooms. For further particulars, see Collection, *Floral Guide*.

Seed saved from the large-flowering best-shaped varieties only. They possess far better habit and freeness in blooming than any others ever offered, which is confirmed by the unanimous decision of nearly all the greatest experts and connoisseurs. When competing at the great contest of the year, although there were seven entries, not one of them staged their exhibits. We simply mention this to show the great superiority of our kinds.

H.N.P.	SINGLE BEGONIA, mixed	...	...	...	...	...	...	Per pkt.—s. d.
H.N.P.	DOUBLE BEGONIA, mixed	...	...	...	...	...	...	2 6
								5 0

H.N.P. **BEDDING BEGONIA**—Best varieties. Mixed, 2s. 6d. per pkt.

H.N.P. **BEGONIA METALLICA**—Splendid sort, with beautiful metallic foliage, and numerous brilliant rose flowers. 2s. 6d. per pkt.

H.N.P. **BEGONIA NITIDA**—Beautiful deep green shiny foliage, and bearing fine flowers in clusters, of a pleasing silvery blush; distinct and good. 1s. per pkt.

H.N.P. **BEGONIA DAVISI**—Bluish-green foliage, producing abundant flowers of brilliant scarlet; probably the best bedding Begonia yet raised. 2s. 6d. per pkt.

H.N.P. **BEGONIA FROEBELI**—This will be found very distinct, the flowers coming direct from the bulb; bright scarlet. 1s. 6d. per pkt.

H.N.P. **BEGONIA SEMPERFLORENS MIXED** (winter flowering)—Containing Mr. Iggulden's variety. 1s. per pkt.



BEDDING BEGONIA.



BEGONIA SEMPERFLORENS.

H.N.P. **BEGONIA REX**—Ornamental-leaved varieties saved from the choicest. 2s. 6d. per pkt.

H.N.P. **BEGONIA WELTONIENSIS**—One of the perpetual-flowering and evergreen varieties, with small light rose flowers and bright green foliage. 1s. per pkt.

H.P. **BELLIS PERENNIS FL. PL.** (Double Daisy.) Mixed, 6d. per pkt.

H.P. **BELLIS PERENNIS FL. PL.** "LONGFELLOW"—Comes true from seed, producing dark rose flowers of unusual size and doubleness, having flower-stalks of great

length and stiffness, thereby rendering the flowers of considerable value for bouquets. 1s. per pkt.

H.A. **CACALIA COCCINEA**—Very showy border annual, flowers scarlet. 3d. per pkt.

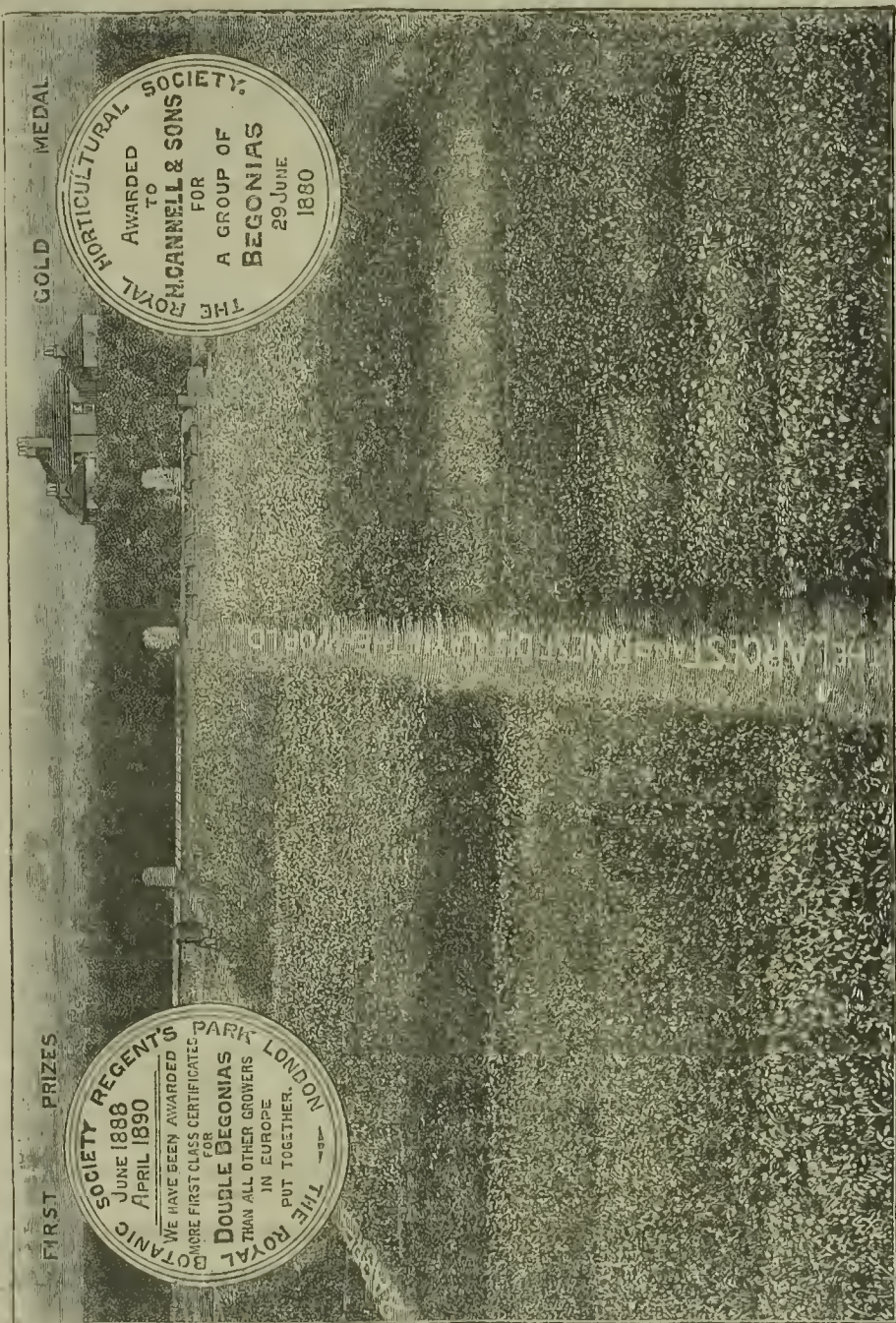
H.A. **CACALIA AUREA (LUTEA)**—Yellow. 3d. per pkt.

H.A. **CALANDRINIA GRANDIFLORA** (Discolor)—Large rose-coloured flowers. 3d. per pkt.

H.A. **CALANDRINIA SPECIOSA**—Purple. 3d. per pkt.

H.A. **CALANDRINIA SPECIOSA ALBA**—White. 3d. per pkt.

Cannell & Sons' Complete Seed Guide.



FIRST PRIZES

SOCIETY REGENT'S PARK LONDON
 JUNE 1888
 APRIL 1890
 WE HAVE BEEN AWARDED
 MORE FIRST CLASS CERTIFICATES
 FOR
DOUBLE BEGONIAS
 THAN ALL OTHER GROWERS
 IN EUROPE
 PUT TOGETHER.
THE ROYAL

GOLD MEDAL

THE ROYAL HORTICULTURAL SOCIETY.
 AWARDED
 TO
CANNELL & SONS
 FOR
 A GROUP OF
BEGONIAS
 29 JUNE
 1880

100,000 DOUBLE BEGONIAS,

100,000 SINGLE BEGONIAS,

See our *Floral Guide* for grand new kinds. The best illustrated and descriptive list ever published.



DOUBLE BEGONIA.

(83)

We have been awarded more First-Class Certificates than all other firms put together.
See full particulars in *Floral Guide*.

Cannell & Sons' Complete Seed Guide.

CALCEOLARIAS.

Our house of these is a great feature with us, and to hear the exclamations of the many visitors, "Why, I have never seen any like these before; they are handsome," is quite cheering. The fact is we have saved the seeds from the rarest colours, and really at first sight they appear to be a new family. Pray remember the crop of seed is considerably less from these uncalceolaria-like colours than from those where the colours are nearly all yellow, and flowers as long and as ugly as an old slipper—so do not complain of the small quantity of seed in the packet.

G.P. CALCEOLARIA, SWANLEY HYBRID DWARF PERFECTION. 2s. 6d. per pkt. "

The Seed germinates best without heat, and should be sown in pans or pots, following the directions here given as nearly as possible:—The pots to be half filled with drainage, over which place the rough siftings of the mould, filling up the pot with very fine soil, half of which should be composed of sand. When thus prepared, water through a fine rose, and carefully sow the seed, but do not cover it. Place the pots in a close and totally dark frame, or under a square of glass. The moment they show the seed leaf, gradually expose to the light, taking care to protect from exposure to the sun. When the seedlings are strong enough, prick them off into pans prepared as before, and placed in a similar position. From the store pans pot off singly, placing them in a cold frame or near the glass; the main thing is never to let them become dry, starved, and pot bound, if so the fly will attack them, and they will never make good plants. Those directions apply to nearly all seedlings.



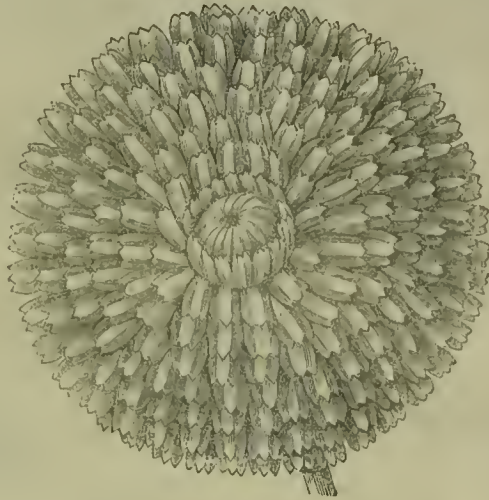
CALCEOLARIA, SWANLEY HYBRID DWARF PERFECTION.

ACKNOWLEDGED TO BE THE FINEST STRAIN IN THE WORLD.

become dry, starved, and pot bound, if so the fly will attack them, and they will never make good plants. Those directions apply to nearly all seedlings.

The common error and the cause of nearly all failures—the seed is sown too early. Plants become too large, and often for the want of either root or top room have to stand still, as it were, and the moment the roots become stagnant they go backward, and when so they become stunted, insects attack them or yellow foliage sets in, and perfection is lost. Sow in August, and from the moment they are up do everything to keep them growing, and the faster the better. Rain water is absolutely necessary. Let them be carefully shifted from the small pot to the 4-inch. Let the night temperature and moisture be such as to cause a nice refreshing dew to stand on the surface of the leaves every morning, this wards off insects and gives vigour to the plant, but it should be dispelled during the day by the admission of air. (See important cultural directions given for Cinerarias.) Keep them in a cold frame, with plenty of air and moisture at all favourable times. No frost must touch them. The grand secret is to keep all green fly away, and if coddled in a house they are almost sure to be attacked, if so the most effectual means must be adopted, by placing them in a lofty position, and fumigating as per directions given (see Guide); and at the very moment of the first curled leaf every fly must be destroyed. As soon as the first root appears at the drainage hole let them be shifted intact and without injury into their blooming pots, making sure that every pot is well drained, for no plant is more liable to become sickly and yellow in wet, sour soil than the Calceolaria. On the first signs of sharp weather, place in a house near the glass, with temperature not above 50°, with plenty of moisture, and as soon as the pots become well filled with roots give liquid manure once a week, and stake out and fumigate thoroughly just before they show flowers, and the result will be a grand sight. Some plants die off suddenly at the blooming time; this is generally caused by over watering. See cultural directions for Primulas.

Cannell & Sons' Complete Seed Guide.



CALENDULA OFFICINALIS "METEOR."

H. A. CALENDULA OFFICINALIS FL. PL. "METEOR."—A splendid variety, with large and beautifully imbricated striped flowers, the colours of a deep brown-orange on a pale straw-coloured, almost white, ground; the stripes are very striking, and of the greatest regularity. Has been proved to come quite true from seed, and is highly recommended. 3*d.* per pkt.

H. A. CALENDULA "ORANGE KING."—This excellent new variety represents the highest possible perfection in the class of Double Calendula. The plant grows from 8 to 10 inches high, quite regularly, and bears freely a great number of flowers of extraordinary size. The flower is faultlessly shaped and of a very dazzling deep orange colour. 6*d.* per packet.



CALLIOPSIS CORONATA.

H. A. CALLIOPSIS CORONATA—Yellow-brown spots; very pretty. 3*d.* per pkt.

H. H. P. CALCEOLARIA SHRUBBY—Dwarf bedding varieties. 1*s.* 6*d.* per pkt.

H. A. CALLIOPSIS DRUMMONDI—Flowers yellow, with brown centre; one of the best. 3*d.* per pkt.



CALLIOPSIS TINCTORIA.

H. A. CALLIOPSIS TINCTORIA—Yellow and crimson; valuable. 3*d.* per pkt.

H. P. CAMPANULA CARPATICA—About a foot high, covered with large erect blue flowers. 3*d.* per pkt.

H. P. CAMPANULA CARPATICA ALBA—Flowers white. 3*d.* per pkt.

Cannell & Sons' Complete Seed Guide.

H.P. **CAMPANULA CARPATICA PAL-
LIDA**—Very pale blue; pretty. 3d. per pkt.

H.P. **CAMPANULA CELTIDIFOLIA** —
Produces light blue flowers; blooms first season.
3d. per pkt.

H.P. **CAMPANULA GRANDIFLORA**—
(*Platycodon grandiflorum*)—Large blue flowers
in autumn; effective. 1s. per pkt.

H.P. **CAMPANULA GRANDIFLORA
ALBA**—Flowers pure white. 1s. per pkt.

H.P. **CAMPANULA LATIFOLIA** — This
produces stout stems 3 feet high, bearing large
blue flowers in great abundance. 3d. per pkt.

H.B. **CAMPANULA MEDIA CALYCAN-
THEMA**—Blue. 3d. per pkt.

H.B. **CAMPANULA MEDIA CALYCAN-
THEMA ALBA**. 3d. per pkt.

Two splendid showy varieties of Canterbury
Bells, the calyx forming an elegant cup round
the base of the bell, and being of the same beau-
tiful colour as the corolla. These varieties come
quite true from seed.

H.B. **CAMPANULA MEDIA** (Double Can-
terbury Bells, Mixed). 3d. per pkt.

H.P. **CAMPANULA PYRAMIDALIS** —
(*Chimney Campanula*)—This when in bloom is
very handsome; pale blue, tall. 3d. per pkt.

H.A. **CAMPANULA SPECULUM** (*Venus
Looking-Glass*)—Blue; very pretty annual for
borders, rock-work &c. 3d. per pkt.

H.A. **CAMPANULA SPECULUM FL.
ALBO**—White. 3d. per pkt.

H.P. **CAMPANULA TURBINATA**—
Flowers blue; dwarf. 3d. per pkt.

H.P. **CAMPANULA TURBINATA ALBA**
—White. 3d. per pkt.



H.A. CANDYTUFT.

CARNEA—Flesh colour. 3d. per pkt.

CRIMSON—3d. per pkt.

ROCKET—White. 3d. per pkt.

LILACEA—Lilac. 3d. per pkt.



CANDYTUFT ROCKET.

WHITE TOM THUMB—Very dwarf, good
white. 3d. per pkt.

SWEET SCENTED—White. 3d. per pkt.

PINK—Quite a distinct variety, pretty colour;
should be grown in every garden. 6d
per pkt.

MIXED. 3d. per pkt.



CRIMSON CANDYTUFT.

Cannell & Sons' Complete Seed Guide.



CANTERBURY BELLS. CUP AND SAUCER.

H.B. CANTERBURY BELLS. CUP AND SAUCER VARIETIES, MIXED.

1s. per pkt.

H.B.	CANTERBURY BELLS, SINGLE—Blue.	3d. per pkt.	} Single, many shades. Our own collection. Mixed, 3d. per pkt.
"	" " —White.	3d. per pkt.	
"	" " —Pink.	3d. per pkt.	

LEEDS MERCURY, April 1st.

"H. CANNELL & SONS' ILLUSTRATED FLORAL GUIDE FOR 1891.—These eminent florists, whose extensive Nurseries and Seed Farms in Swanley, Kent, have a world-wide reputation, have published their 'Guide' for the present season. It is very extensive, exceeding over 336 pages, and is beautifully illustrated. For many years we have had seeds and plants from this firm, and have never had better."

Cannell & Sons' Complete Seed Guide.



CLEMATIS, CANTERBURY BELLS.

H.B. CANNELLS' CLEMATIS CANTERBURY BELLS—The greatest and most surprising novelties are our Canterbury Bells; their singularity of shape, which the illustrations truly represent, come perfectly true from seed, and being quite hardy should be in every garden. Habit very dwarf, and so free that the whole plant, when in full flower, presents one surface of colour. Shape of flower extremely striking. Mixed, in several delicate and pleasing colours. 1s. per pkt.

H.H.A. CAPSICUM RUBY KING—Colour, beautiful ruby crimson. 1s. per pkt.

H.H.A. CAPSICUM ANNUUM (Prince of Wales)—Charming plant for decoration, beautiful green-shaded foliage, fruit bright golden yellow. 3d. per pkt.

H.H.A. CAPSICUM ANNUUM, from China—Ornamental fruiting varieties. Mixed, 3d. per pkt.

H.H.P. CANNA—Saved from the best named kinds. 1s. per pkt.

H.B. CARDUUS MARIANUS (Ornamental Thistle). 3d. per pkt.

CARNATIONS AND PICOTEEES.

H.P. CARNATIONS, mixed. 2s. 6d. per pkt.

H.P. PICOTEEES, mixed. 2s. 6d. per pkt.

H.P. TREE, or WINTER FLOWERING CARNATIONS, saved from the best varieties 2s. per pkt.

H.P. PICOTEEES AND CARNATIONS, mixed. 2s. 6d. per pkt.

Sow in June, and treat them like Calceolarias until September; after that to be kept in a cool frame.

For Collections of Carnation and Picotee, see page 65.

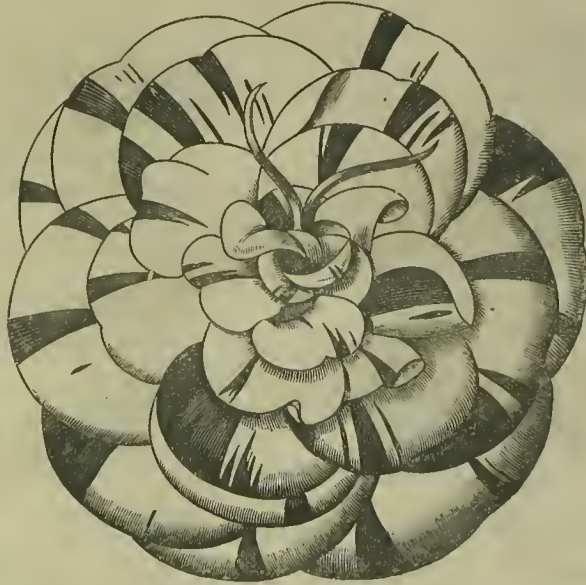
Mr. H. HALE, Troed-y-Rhiw House, Mountain Ash, South Wales, *August 15th, 1891.*
Your seed for 1891 gave me great satisfaction, as I won fifteen prizes at our show last week—five firsts and ten seconds—from seeds supplied by you.

Mrs. E. FESTING, Hôtel d'Orange, Spa, Belgium, *August 28th, 1891.*
The gardener here tells me he can get no such good seed here as from your establishment.

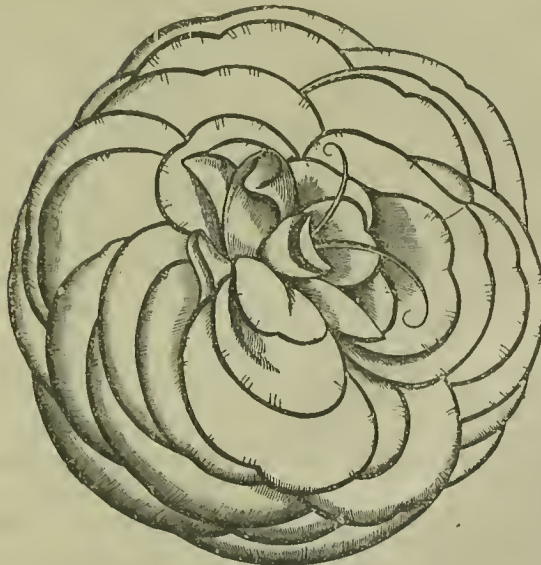
Mr. FRED. RAFFERTY, Santa Ana, Orange County, California, U.S. America,
June 25th, 1891.

I received the seeds from you in due time, and they were so perfect, and germinated so freely and so quickly that I am tempted to order more, although it is very late to do so.

Cannell & Sons' Complete Seed Guide.



CARNATION.



PICOTEE.

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CELOSIA JAPONICA.

H.A. **CATCHFLY, LOBEL'S RED** (*Silene Armeria*)—Very showy, early flowering plant. 3d. per pkt.

H.A. **CATCHFLY, LOBEL'S WHITE.** 3d. per pkt.

G.A. **CELOSIA PLUMOSA NANA**—A very handsome, dwarf, bright crimson sort of the feathery Cockscombs, of regular pyramidal growth; well adapted for pot culture as well as for flower beds. 1s. per pkt.

G.A. **CELOSIA HUTTONI**—Bright crimson, very effective. 1s. per pkt.

G.A. **CELOSIA JAPONICA**, or **NEW JAPAN COCKSCOMB**—The branches, from the roots to the smallest leaf vein, are scarlet or crimson, the combs are almost as delicately cut as ruffled lace, often in pyramidal masses, while the colours are of the brightest description imaginable. 1s. per pkt.

G.A. **CELOSIA JAPONICA VARIEGATA**—Valuable novelty, the plants of which form handsome pyramids of 24 to 28 inches in height, decorated with striped combs of brilliant yellow and purple-carmine. It has been proved to come true from seed. 1s. per pkt.



CELOSIA PLUMOSA NANA.

G.A. **CELOSIA PYRAMIDALIS AUREA** (Golden). 1s. per pkt.

G.A. **CELOSIA PYRAMIDALIS COCCINEA**. 1s. per pkt.

G.A. **CELOSIA PYRAMIDALIS VERSICOLOR**—A tall feathery Cockscomb of several beautiful colours; if properly grown cannot fail to be appreciated. 1s. per pkt.

G.A. **CELOSIA SPICATA ROSEA**—Crimson, with shaded maroon foliage. 3d. per pkt.

The above to be treated like the Amaranthus, only to be kept in pots, as they are more for indoor decorations.

H.A. **CENTAUREA MOSCHATA PURPUREA** (Purple Sweet Sultan). 3d. per pkt.

H.A. **CENTAUREA MOSCHATA ALBA** (White Sweet Sultan). 3d. per pkt.

H.A. **CENTAUREA CYANUS**, **BLUE** (Cernflower). 3d. per pkt.

H.P. **CENTRANTHUS MACROSIPHON**—Very pretty, pink; 2 feet high. 3d. per pkt.

H.N.P. **CENTAUREA RAGUSINA** (Candidissima)—The best of the genus for bedding purposes, and a very valuable decorative plant for conservatory or other purposes; its large silvery white leaves form a fine contrast when grouped with other plants; as an ornamental bedding plant it is unequalled by any in cultivation with similar foliage. 1s. 6d. per pkt.

H.N.P. **CENTAUREA GYMNOCARPA**—Rose-purple flowers, silvery-white; pinnatifid foliage. 1s. per pkt.

Mr. H. MILLER, Capenwray Road, Over Kellet, near Carnforth, September 27th, 18 1.
The seeds I got of you in the spring have done well.

Mr. S. CURETON, Providence Place, Mill Bank, Wellington, Salop.
I am very much pleased with all your seeds, they are very good indeed, especially the Stocks.

Cannell & Sons' Complete Seed Guide.



CELOSIA SPICATA ROSEA.



CHAMÆPEUCE DIACANTHA.



CHRYSANTHEMUM LORD BEACONSFIELD.

H.A. **CENTAUREA CYANUS**—The beautiful Cornflower, much used for floral decoration, bouquets, &c., mixed, containing, blue, pink, and white. 3d. per pkt.

H.A. **CENTAUREA SUAVEOLENS** (Sweet Sultan)—Well known, a very useful plant, flowers bright yellow, 1½ feet high. 3d. per pkt.

H.P. **CENTAUREA CLEMENTEI**—Robust growing; white foliage variety. 1s. per pkt.



CHRYSANTHEMUM CARINATUM.

H.P. **CERASTIUM TOMENTOSUM**—A white foliage miniature plant for edgings or rock work. 1s. per pkt.

H.H.B. **CHAMÆPEUCE DIACANTHA** (Ground Pine Thistle)—Magnificent ornamental foliated biennial Carduinea, with long leaves thickly set with spines symmetrically arranged. 3d. per pkt.

H.H.B. **CHAMÆPEUCE CASABONÆ**—(Fish-bone Thistle). 3d. per pkt.

Cannell & Sons' Complete Seed Guide.



CANNELLS' GRANDIFLORA CINERARIA.

They are lovely, both Singles and Doubles, during March and April; by far the finest named collection in the world—like all our strains, the best that can be obtained. They were awarded the First Prize in open competition last year at Regent's Park, and at the Quinquennial Exhibition at Ghent, although there was great competition, even from Paris, ours far out-distanced all, and we were awarded the Silver Medal.

Although hardier in growth, and requiring less care than Calceolarias, the treatment for raising seed, &c., is the same; if required to flower in winter, seed must be sown in May or June. The secret of growing well is to grow fast, never allowing them to receive a check, either from being pot bound, dryness of root or attack of insects, the cooler they are kept the better, just preventing frost reaching them, and giving abundance of air; precisely the same treatment and remarks given for Calceolaria apply to the Cineraria, except larger pots must be allowed for root action, and rather stronger liquid manure. The main thing is to keep them growing quickly from the seedling up to the blooming period, avoiding all other plants that are at all likely to be infested with insects. If the green aphid is not kept thoroughly away there will not be a bloom worth seeing. Every possible means and precaution must be adopted to keep the foliage full of life and vigour. See every morning that the points of their leaves stand erect, and that the foliage is slightly covered with dew-like moisture, and the centre or heart is stout and bold, that their white silver bristles, or respiratory organs, round the stems or leaves are fresh and full of health, and stand out and show conspicuously when the sun shines; avoid dust, and make sure that no other than perfectly clear rain-water ever goes near the foliage. Of course at all times the keenest observation of extreme temperature must be made for cold, cutting draughts, or a too glaring sun, and warmth must be avoided, otherwise fine healthy plants and valuable time will be lost. See important cultural particulars given for Cyclamen and Calceolarias, and how to use our "Real Manure," see Floral Guide.

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G.P. CINERARIA (Single). First Prize—
2s. 6d. per pkt.

G.P. CINERARIA HYBRIDA (Double)—
2s. 6d. per pkt. (See Floral Guide.)



CINERARIA, DOUBLE.

H.P. CINERARIA MARITIMA—Beautiful silver-foliaged hardy perennial; very attractive in beds, mixed borders, and rockwork. 3d. per pkt.

H.A. CHRYSANTHEMUM CARINATUM (Tricolor)—White and yellow band, brown centre. 3d. per packet.

H.A. CHRYSANTHEMUM CORONARIUM (Double)—This variety is very useful; valuable for cut flowers, and of very easy growth, white and yellow mixed. 3d. per pkt.

H.A. CHRYSANTHEMUM SULTAN and LORD BEACONSFIELD—Edged and striped with gold, maroon, and white. 3d. per pkt.

H.P. CHRYSANTHEMUM LEUCANTHEMUM GRANDIFLORUM—Is another

plant which hitherto has been considered a weed, but the one now offered is an improved variety, and is called *grandiflorum*, and where cut flowers are in great request from May to frost, no more useful plant is grown; in fact, it is a most remarkable plant, for it is pretty and grows anywhere, and the enormous quantity of flowers it produces is truly wonderful; it should be in every garden and on every table. A threepenny packet of seeds will give barrow-loads of bloom, with no trouble. 3d. per pkt.

H.H.P. CHRYSANTHEMUM ÉTOILÉ D'OR (Marguerite)—Yellow. The largest and most beautiful of the Paris Daisies. 1s. per pkt.

H.P. CHRYSANTHEMUM GRANDIFLORUM (Marguerite)—Large-flowering White Marguerite. 1s. per pkt.

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CHRYSANthemum INODORUM PLENISSIMUM.



CHRYSANthemum LEUCANTHEMUM
GRANDIFLORUM.



CHRYSANthemum HYBRIDUM FL. PL.



CHRYSANthemum SEGETUM, GRANDIFLORUM.

H.A. CHRYSANthemum HYBRIDUM
FL. PL.—Remarkably beautiful and exceedingly
showy. 3d. per packet.

H.P. CHRYSANthemum INODORUM
PLENISSIMUM—Produces a large percentage
of double white flowers. 6d. per pkt.

Cannell & Sons' Complete Seed Guide.



CHRYSANthemum CARINATUM (TRICOLOR) "ECLIPSE."



CHRYSANthemum CORONARIUM.

H.A. CHRYSANthemum CARINATUM (TRICOLOR) "ECLIPSE," *syn. W. E. GLADSTONE*—It is very seldom that a really good and conspicuous annual makes its appearance, such as will surprise and please everyone. We believe that these will give universal satisfaction, for they are just the shape and coloured flowers to be generally liked; and none are more useful for cut flowers. For shape, *see* engraving. Colour yellow, delicate and pretty; some have purple, brown, and other shades of colour round the base. To be sown and treated the same as Asters or Marigolds, and they will flourish and produce innumerable flowers in any sunny situation. 1s. per pkt.

H.A. CHRYSANthemum SEGETUM GRANDIFLORUM—An improved form of the common English variety of our fields; if sown at Christmas it gives abundance of splendid yellow flowers all the spring. Its lovely flowers are most useful in our homes, and although common, is always a favourite with ladies. 3d. per pkt.

H.A. CLARKIA ELEGANS—An elegant and profuse flowering annual; lilac-rose. 3d. per pkt.

H.A. CLARKIA FL. PL. PURPLE KING (Hardy's)—Exceedingly pretty and distinct. 3d. per pkt.

H.A. CLARKIA FL. PL. SALMON QUEEN (Hardy's)—Exceedingly pretty and distinct. 3d. per pkt.

H.A. CLARKIA (Hardy's)—Mixed, beautiful large double flowers. 3d. per pkt.

H.A. CLARKIA MRS. LANGTRY—Pure white, centre brilliant carmine-crimson. 6d. per pkt.

H.A. CLARKIA PULCHELLA—Rosy purple. 3d. per pkt.

H.A. CLARKIA PULCHELLA ALBA—Beautiful white. 3d. per pkt.

H.A. CLARKIA PULCHELLA—Mixed. 3d. per pkt.

H.B.P. COLEUS—Our own choice collection. Saved from the very best golden-edged kinds, and there can be no doubt it will produce some fine new and distinct varieties. For culture, *see* "Floral Guide." 2s. 6d. per pkt.

JOHN TAYLOR, Esq., Down Leazer, Chipping Sodbury.

The Cinerarias raised from seed received from you were magnificent, both in foliage and bloom, surpassing everything I have ever seen. I can assure you I had blooms only a little short of three inches in diameter.

MR. P. MANN, Warminster Road, Westbury, Wilts.

The Cinerarias grown from your strain of seed are the admiration of all that see them. Some of the individual flowers measure three inches in diameter, and the foliage is excellent.

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HARDY'S CLARKIA.



COLEUS.



CLARKIA PULCHELLA.

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NEW HYBRID COCKSCOMBS.

The many hundreds who honoured us with a visit last summer will acknowledge that one of our 100-foot houses, filled with Cockscombs, contained the most magnificent lot of this family ever seen in England, perhaps in the world. Hitherto, one or two colours has been the extent of the varieties, whereas we have now a dozen distinct colours. All are of rich satiny colour, such as bring forth the expression, "Had I not seen these I could not have believed they would have caused such a glare." Many had perfectly arched heads more than 2 feet over, and every seed is from those which had combs quite equal to the engraving. Mixed, 2s. 6d. per pkt.



G.A. SWANLEY DWARF—Intense crimson. The best for market purposes, only averaging 6 to 9 inches high. 1s. 6d. per pkt.

G.A. GLASGOW PRIZE—1s. 6d. per pkt.
G.A. EMPRESS—Very tall, and grows to an immense size. 1s. per pkt.

H.H.P. CLIANTHUS DAMPIERI (Glory Pea of Australia)—No lover of flowers should rest content until he has either seen or grown this, the most brilliant of the Australian plants. True, it is rather difficult to grow, like many other plants, but if seed is sown in April, in heat, after attaining the height of three inches, exposed to all the light and sun in a temperature of 60 to 70°, and well looked after, it will cause such a furore in the neighbourhood that it would be difficult to restrain people from coming to see. It likes rather poor gravelly or sandy soil. Seeds should be soaked in water till they swell, and then be covered with a quarter of an inch or less of sandy soil, and pressed down with the band. It is always best to sow where it is wanted to grow, as the young plants do not like being shifted. 1s. per pkt.

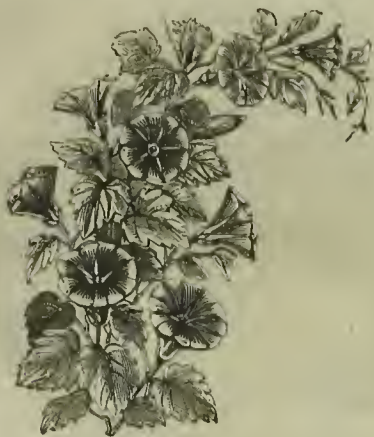
H.A. COLLOMIA COCCINEA (Phlox-worts)—Searlet; blooms in July. Sow the seed either in the spring or autumn. 3d. per pkt.



COLLOMIA COCCINEA.

Miss J. HOURSTON, Victoria Street, Kirkwall.
The Cockscomb and Balsam Seeds I had from you last year pleased me very much, giving beautiful and vigorous plants."

Cannell & Sons' Complete Seed Guide.



CONVOLVULUS (IPOMŒA PURPUREA) MAJOR.

H.A. CONVULVULUS MAJOR — Finest mixed. 3d. per pkt.

H.A. CONVULVULUS MINOR—Crimson violet flowers, very striking; bright yellow eye, encircled with a band of snowy white, broadly margined with rich crimson-violet, varying in some blooms from bright violet to rich velvety purple-crimson. 3d. per pkt.

H.A. CONVULVULUS MINOR — Blue. 3d. per pkt.

H.H.P. COBÆA SCANDENS—Purple-lilac, large bell-shaped flowers, a rapid growing climber, producing a grand effect under glass, and during summer on south walls, verandahs, arbours, &c. 3d. per pkt.

H.H.P. COBÆA SCANDENS ALBA—White. 1s. per pkt.

H.A. CLINTONIA ELEGANS—Beautiful little annuals, very suitable for edgings or rockeries; sow in heat with care as the seed is very minute. 3d. per pkt.

H.A. CLINTONIA PULCHELLA ALBA—3d. per pkt.



COBÆA SCANDENS.

H.A. COLLINSIA GRANDIFLORA —Purple. 3d. per pkt.

H.A. COLLINSIA BICOLOR CANDIDISSIMA.—White, very pretty dwarf spring flowering annual. 3d. per pkt.

H.A. COLLINSIA MULTICOLOR MAR-MORATA—White and rose; very pretty. 3d. per pkt.

COREOPSIS—See Calliopsis.

Mrs. R. WALL, Spring Bank House, Shirley Warren, near Southampton,

March 4th, 1891.

I shall be pleased to leave the selection to you, as I was delighted with my seeds last year.

A. W. WARREN, Esq., Southampton Row, London, January 24th, 1891.

The seeds I had from you last year were in every way extremely satisfactory, and the results gave admiration to all who saw them.

Cannell & Sons' Complete Seed Guide.

H.A. CONVULVULUS MINOR TRICOLOR ROSEUS—A charming new variety, 10 to 12 inches high. The centre of the rose-coloured flowers is surrounded with purplish violet and changes towards the throat into five broad golden-yellow rays. 3d. per pkt.

H.A. COLLINSIA HETEROPHYLLA—Rich colour. 3d. per pkt.

H.P. CRUCIANELLA STYLOSA (Cross-wort)—Pink; very dwarf. 3d. per pkt.



CONVOLVULUS TRICOLOR ROSEUS.

CYCLAMEN PERSICUM.

OURS ARE THE FINEST AND THE NEAREST PERFECTION EVER SEEN.

During the spring our two houses, filled with the best Hybrids, is one of the grandest floral sights round London. We invite all to come and see how, and from what, we save our seeds.

Cyclamen, although so beautiful, yet how seldom do we see them grown well, except by a few, yet to alter this their few natural wants should have attention, and merely mentioned to be thoroughly understood, then the result would be the reverse.

Sow seeds thinly, in a compost of two parts turfy yellow loam, one of peat and leaf mould mixed together, and one part of thoroughly decayed cow-dung sifted very fine, and a little silver sand; cover the seeds to the depth of a quarter of an inch; place the pots on a shelf in the greenhouse near the glass in the winter and in summer in any shaded pit. Under no circumstances must the surface of the soil become dry. Some of the seeds take four months to germinate.

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After the plants have attained one or two leaves, and formed a small bulb, remove with root intact into small and well-drained pots, at all times using the soil mentioned above, adding one ounce to every peck of soil of our Real Manure, well mixed. Of course these small pots and plants must be watered with a rose on water can, and hence the foliage moistened at every watering, and if anything but the cleanest rain water is ever used the leaves become corroded with a white slime, and unsatisfactory results will be sure to follow, and as the entire health of the plant depends on a few leaves only, these precious leaves must be kept of a bright green hue from the first seedling leaf up to the flowering period. All sun must be avoided during the late spring and summer, and never allowed to shine on them after 8 o'clock a.m. and before 4 o'clock p.m. A cold frame in a shaded position, pitched north, is the best place for them, and as soon as they have made their season's growth, and show signs of going to rest, withhold water for a fortnight, shake away all soil, and re-pot. Be particular that the bulbs are buried just below the surface, except the crown, and after all are placed in a shaded frame, and every pot placed on a hard surface, so that no worms can enter; keep lights off in all moderate weather, and as cool as possible during hot weather, and in about a month new foliage will begin to push up; showery weather and night dews assist them immensely. Remove to a greenhouse, place them close to the glass, with plenty of air and light; they will be a surprise and delight all the winter. As soon as they show flower give liquid manure once a fortnight, and if the foliage becomes too vigorous withhold it.



CYCLAMEN PERSICUM GIGANTEUM, WHITE
PURPLE BASE.

- G.P. CYCLAMEN (HYBRID) PERSICUM
—Red. 2s. 6d. per pkt.
- G.P. CYCLAMEN (HYBRID) PERSICUM
—White. 2s. 6d. per pkt.
- G.P. CYCLAMEN (HYBRID) PERSICUM
—Rose. 2s. 6d. per pkt.
- G.P. CYCLAMEN (HYBRID) PERSICUM
—White, with purple base. 2s. 6d. per pkt.

G.P. CYCLAMEN PERSICUM — Mixed; saved from our finest Prize Collection of the very best white and highly-coloured varieties. 2s. 6d. per pkt.

G.P. CYCLAMEN PERSICUM GIGANTEUM—Very large flowers. 2s. 6d. per pkt.

G.P. CYCLAMEN PERSICUM GIGANTEUM—Rose. 2s. 6d. per pkt.

G.P. CYCLAMEN PERSICUM GIGANTEUM—White, with purple base. 2s. 6d. per pkt.

G.P. CYCLAMEN PERSICUM GRANDIFLORUM. 2s. 6d. per pkt.



CYCLAMEN HEDERIFOLIUM (HARDY).

H.P. HARDY CYCLAMEN—In the rockery, perhaps, there is no prettier plant grown; it has the advantage of reproducing itself by setting its own seedlings for the coming year. 1s. per pkt.

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DAHLIAS.

H. H. P. SINGLE MIXED—From the finest Collection in cultivation. 3d. per pkt.

H. H. P. DAHLIA, DOUBLE—Saved from our unrivalled collection of show kinds, and cannot fail to produce some first-class varieties. 1s. per pkt.

H. H. P. DAHLIA, CACTUS—Choicest mixed from our best named varieties. 1s. per pkt.

H. H. P. DAHLIA, POMPON—The pretty double bouquet Dahlias. 1s. per pkt. For descriptions, see Guide.



SINGLE DAHLIAS.



DELPHINIUM FORMOSUM.

H. H. A. DATURA FASTUOSA (*The Thorn Apple*)—Double purple. 3d. per pkt.

H. H. A. DATURA METELOIDES—Delicate blue and white shaded; very handsome. 3d. per pkt.



DELPHINIUM HYBRIDUM.

H. P. DELPHINIUM FORMOSUM—Bright blue, with white centre; one of the finest varieties of this beautiful genus. 3d. per pkt.

H. P. DELPHINIUM ELATUM HYBRIDUM, mixed—This mixed seed is collected from the best French collection, comprising 50 varieties. We grow half an acre. Our spikes of bloom were awarded the Silver Medal of the Royal Botanic Society, Regent's Park. 3d. per packet.

See Collection in Floral Guide.

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DATURA FASTUOSA, DOUBLE.



DATURA METELOIDES.



JAPANESE DIANTHUS, EASTERN QUEEN AND CRIMSON BELLE.

H.P. DELPHINIUM GRANDIFLORUM—Beautiful blue. 3d. per pkt.

H.P. DELPHINIUM CARDINALE—Handsome species, with large scarlet and yellow flowers; quite hardy. 1s. 6d. per pkt.

H.P. DELPHINIUM NUDICAULE—Height from 12 to 15 in. Flowers produced in spikes, each blossom being an inch in length; the colour varies from a light scarlet to a shade verging closely on crimson. 1s. per pkt.

H.P. DIANTHUS BARBATUS (Sweet William, Cannells' Perfection)—If it was needed we could append 100 testimonials and extracts from the Horticultural Press of the splendour and brilliancy of our strain, and although a Sweet William, we know of no flower that requires more experience and stricter attention to produce seed that will bring forth flowers like the engraving than this plant. 3d. per pkt.

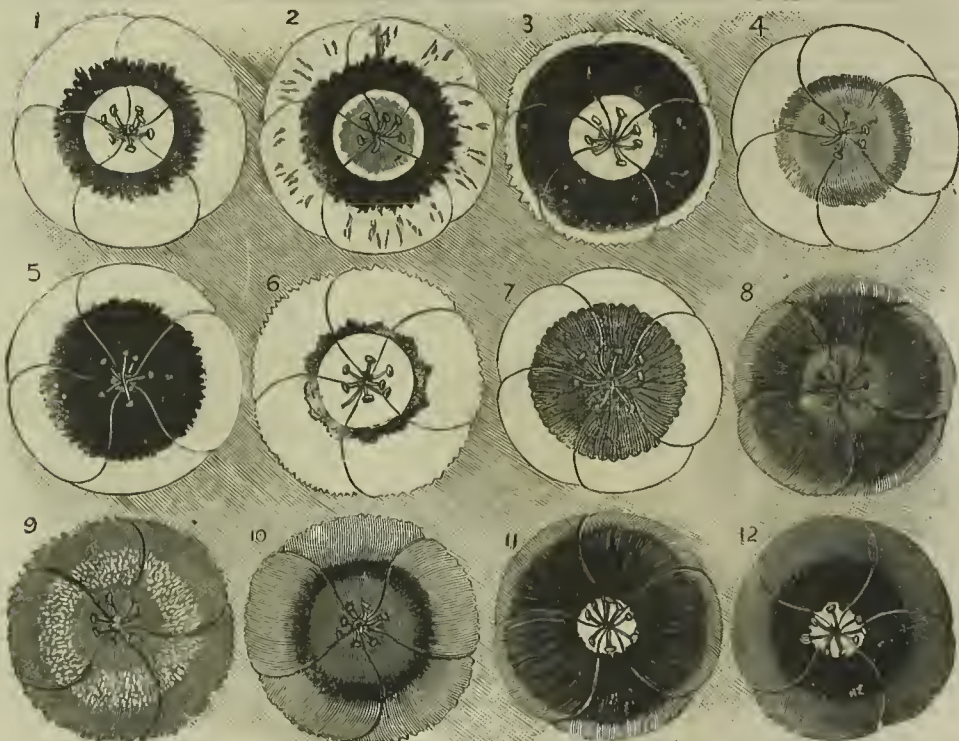
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DIANTHUS HEDDEEWIGI DIADEMATUS FLORE PLENO.



DIANTHUS HEDDEEWIGI, SINGLE.



CANNELL.

DIANTHUS BARBATUS (SWEET WILLIAM, CANNELLS' PERFECTION).

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DIANTHUS BARBATUS FLORE PLENO

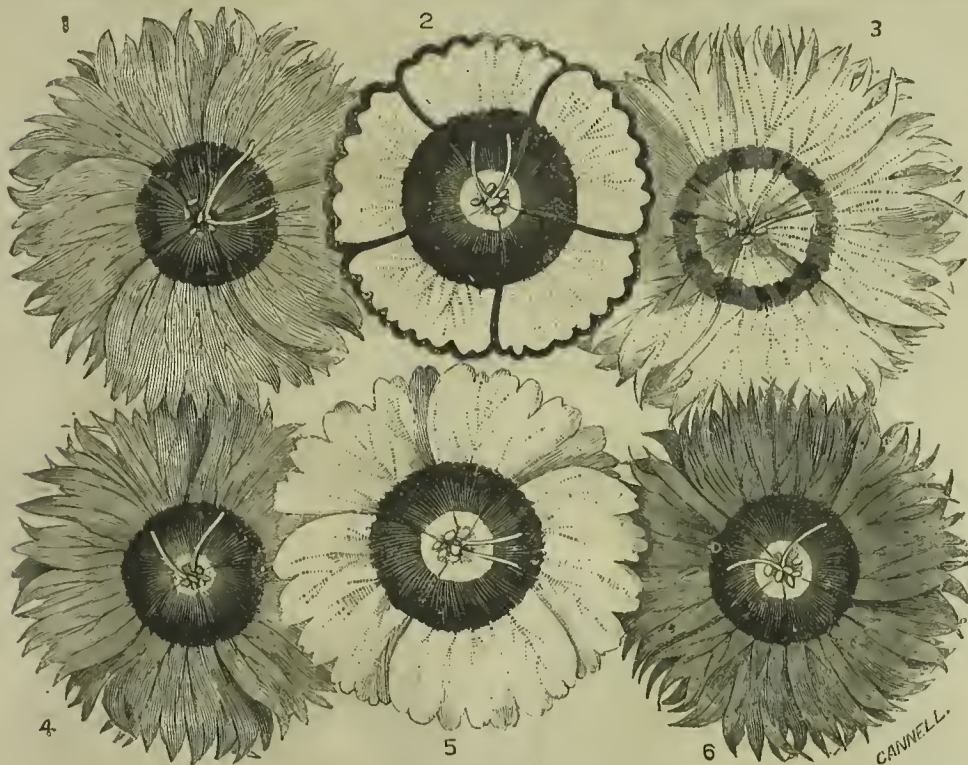
H.P. DIANTHUS BARBATUS FL. PL.—The double Sweet William; flowers freely; very dwarf. 3d. per pkt.

H.A. DIANTHUS HEDDEWIGI—Single easy to grow and very showy. 3d. per pkt.

H.A. DIANTHUS HEDDEWIGI DIADEMATUS FL. PL.—A very beautiful and

valuable improvement; habit more compact and robust than that of the well-known *Dianthus Heddewigi* Fl. Pl.; flowers large; colours are arranged in zones, varying from lilac and crimson to richest dark purple; the edges of the petals are very beautifully fringed and margined with white. 6d. per pkt. *Treated the same as the Aster.*

H.A. DIANTHUS, EASTERN QUEEN AND CRIMSON BELLE—These beautiful forms of the popular *D. Heddewigi* are most distinct and pleasing. *Eastern Queen* is beautifully marbled, the broad bands of reddish lake upon the paler surface of the petals are very striking and pretty. *Crimson Belle*, as its name implies, is of a rich, vivid crimson-lake colour; flowers of extraordinary size and substance, evenly and finely laciniated. Each, 1s. per pkt. Both colours mixed, 6d. per pkt.



H.P. DIANTHUS PLUMARIUS SINGLE, MIXED.

Although these are amongst the *Dianthus*, and correctly so, yet they are really Single Pinks, and for all purposes of cut-flowers most lovely and beautiful. One of the easiest to grow either from seeds or cuttings, grow anywhere; are what was formerly called Rock Pinks. Strange to say, they are almost unknown. We are quite sure our customers and friends will give us great credit for bringing these improved kinds plainly before them. 1s. per pkt.

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H.A. DRACOCEPHALUM MOLDAVICUM
(BALM)—Purple; very pretty. 3d. per pkt.



DIANTHUS SINENSIS FL. PL.

H.B. DIANTHUS SINENSIS FL. PL.
(Double Indian Pink)—Charming Biennials
well adapted for bedding purposes, if sown early
and transplanted. Free blooming. 3d. per pkt.



DIGITALIS (FOXGLOVE).

H.P. DIGITALIS (FOXGLOVE)
GLOXINÆFLORA IMPROVED LARGE
SPOTTED — An excellent strain, with large
flowers, heavily spotted; flowers nearly equal
to the Gloxinia. Very striking in a shrubbery.
This seed is from our very best kinds. 3d. per
pkt.

H.H.P. ECCREMOCARPUS — Elegant
climber, a magnificent plant for south walls,
verandahs, pillars, &c. 3d. per pkt.



ESCHSCHOLTZIA FLORE PLENO.

H.A. ESCHSCHOLTZIA FL. PL.— Double
yellow. 3d. per pkt.

H.A. ESCHSCHOLTZIA CROCEA—Yel-
low flowers; when once introduced into the
garden will sow themselves. 3d. per pkt.

H.A. ESCHSCHOLTZIA MANDARIN—
The inner side of the petals is of a rich orange
colour, and the outer side brilliant mandarin
scarlet. 3d. per pkt.

H.A. ESCHSCHOLTZIA ROSE CARDI-
NAL—Bright rose-coloured flowers, pretty
foliage, a very useful addition to our hardy
annuals. 6d. per pkt.

H.H.P. ECHEVERIAS.

Splendid plants for bedding purposes. We
have one of the largest stocks in this country.
The seed is very dust-like, therefore must be
barely covered with soil, and treated very care-
fully until the seedlings are fit to handle. To be
treated the same as recommended for Calceolarias.

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- E. METALLICA.** 1s. per pkt.
E. SECUNDA GLAUCA. 1s. per pkt.
E. SECUNDA. 1s. per pkt.
H. A. ERYSIMUM PEROWSKIANUM—
 Orange coloured flowers. 3d. per pkt.
H. A. ERYSIMUM ARKANSANUM—
 Sulphur yellow. 3d. per pkt.



EUCCHARIDIUM BREWERI.

H. A. EUCCHARIDIUM BREWERI—Rare and truly magnificent species of dwarf spreading habit of growth and narrow lanceolate foliage. The colour of the flower is a pleasing purplish rose, shading to white in the centre; the broad obcordate petals overlapping at their margins and furnished with a narrow tapering lobe from each sinus are the most remarkable feature of this distinct and truly elegant plant. It flowers very profusely and is of the same easy culture as the different kinds of Clarkia. 1s. 6d. per pkt.

H. A. EUCCHARIDIUM GRANDIFLORUM ALBUM—Flowers pure white. 3d. per pkt.

H. H. SIL. EUCALYPTUS GLOBULUS (The Blue Gum of Tasmania)—This plant is said to possess the remarkable power of destroying miasmatic influence in fever-stricken districts. It also has the singular property of absorbing ten times its own weight of water from the soil; hence it is now being planted on a large scale, with a view to improving the pestilential character of marshy and other unhealthy districts. 3d. per pkt.

H. H. A. FENZLIA DIANTHIFLORA —Smothered with brilliant rose-purple flowers, very dwarf, suitable for pots, rockeries, or edgings. 6d. per pkt.

H. H. A. FENZLIA DIANTHIFLORA ALBA—White. 6d. per pkt.

FOXGLOVE—See Digitalis.

H. H. P. FUCHSIA—Saved from our splendid collection of double and single varieties. 2s. 6d. per pkt.



EUCALYPTUS GLOBULUS.

H. H. P. GAILLARDIA PICTA NANA—A very fine free-flowering variety, of good compact habit; the flowers, which are of a large size, are of a reddish crimson colour, bordered with citron-yellow. 3d. per pkt.



GAILLARDIA PICTA NANA.

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GAILLARDIA PICTA LORENZIANA.

H.H.A. GAILLARDIA PICTA LORENZIANA—The ray and disc flowers of this variety develop themselves into tubular funnel-shaped florets of 3 to 5 lobes, and form handsome flower heads; it will be found very useful for cutting. The seed offered is mixed, containing sulphur and golden-yellow, amaranth-red, claret, red, and purple. Sow early in Mareb. 1s. per pkt.

H.P. GENTIANA ACAULIS—Beautiful hardy plant, exceedingly free, will grow almost anywhere; it forms dense masses of dark green foliage, from which protrude large deep blue flowers; it continues in bloom from spring for a long time. A bed or line of this lovely plant once seen in bloom will never be forgotten. *Seed germinates slowly.* 3d. per pkt.

H.P. GEUM ATROSANGUINEUM FL. PL.—Handsome continuous-blooming border plant, large double flowers of a dazzling scarlet. 3d. per pkt.

H.P. GEUM COCCINEUM GRANDIFLORUM—Scarlet; very fine. 3d. per pkt.

H.A. GILIA ACHILLEÆFOLIA—Beautiful annual when grown in masses; much prized for rockwork. 3d. per pkt.



PERENNIAL GAILLARDIA.

PERENNIAL VARIETIES.

H. P. GAILLARDIA—A lovely coloured flower, perfectly distinct to any other, and for all decoration quite a charming feature; perfectly hardy, producing abundance of flowers all the summer. For cut flowers one of the most useful plants of the garden. Mixed, 1s. per pkt.

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H.A. **GILIA LINIFOLIA**—A new pretty species from California. 3d. per pkt.

H.A. **GILIA MINIMA CÆRULEA**—A very pretty miniature annual. 3d. per pkt.



GILIA TRICOLOR.

H.A. **GILIA TRICOLOR**—White and purple. 3d. per pkt.

H.A. **GILIA**—Mixed. 3d. per pkt.

H.P. **GLADIOLUS**—Mixed. Perfectly hardy garden varieties, therefore saving the trouble of housing them from the frost. 6d. per pkt.



GLADIOL.

H.P. **GLADIOLUS BRENCHLEYENSIS**—The well-known scarlet variety. 1s. per pkt.

H.P. **GRINDELIA SQUARROSA**—Fine yellow, daisy-like flower, 2 ft. high. 3d. per pkt.



GLOXINIA RECURVIFOLIA.

G.P. GLOXINIA.

Whenever these gorgeous flowers are at the zenith of their perfection, it would be difficult to imagine anything more beautiful, and as they can be easily flowered twice a-year, it is surprising that they are not more generally grown.

ERECTA—The best erect flowering kinds. 2s. 6d. per pkt.

PENDULA—Drooping flowers. 2s. 6d. per pkt.

To be sown in a brisk heat at any time during February, and grown on vigorously, and they will flower abundantly during summer and autumn, and make extra strong roots by winter.

Many who saw our 100-ft. house last season filled with the above in all their various forms will confirm the splendid sight, size of flower, and the surprising glare of colour; in fact, many exclaimed, "These are grand flowers! they beat Roses." And, like all other choice flowers, every bloom selected for seed is hybridised with the greatest possible care. The brilliancy and beauty of the spotted kinds is perfectly marvellous. See *Local Guide* for our grand collection.

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G.F. GREVILLEA ROBUSTA—Exceedingly graceful for table decoration. In the conservatory and sub-tropical garden they rank foremost as fine foliage plants. Seed should be sown in peat. 1s. per pkt.



GNAPHALUM LEONTOPODIUM (EDELWEISS).

H.F. GNAPHALUM LEONTOPODIUM ALPINUM (Edelweiss)—The famous and true *Edelweiss* of the Alps. The flowers are of downy texture and pure silver white; it thrives best in calcareous soil, with full exposure to the sun; quite hardy. 1s. per pkt.

H.A. GODETIA BIJOU—The dwarfest, of very bushy habit, flowers pure white, marked with a dark rose spot. 6d. per pkt.

H.A. GODETIA, PRINCESS OF WALES—Ruby-crimson, pencilled with pale rose and silver-grey. 3d. per pkt.

H.A. GODETIA, LADY ALBEMARLE—Superb variety, dwarf, brilliant crimson coloured flowers; most magnificent. 3d. per pkt.

H.A. GODETIA, LADY ALBEMARLE COMPACTA—A dwarfier and more compact form of the preceding brilliant variety; particularly fine and showy. 3d. per pkt.

H.A. GODETIA, THE BRIDE—A very pretty variety. Should be grown in every garden. 3d. per pkt.

H.A. GODETIA, DUCHESS OF ALBANY—The plants are of handsome pyramidal growth, about one foot high, branching from the bottom, and producing large clusters of *Oenothera*-like flowers, of a beautiful glossy satiny, white, each about four ins. when fully expanded. 6d. per pkt.



GODETIA, DUCHESS OF ALBANY.

H.A. GODETIA ROSEA ALBA—Has a bright crimson spot on each petal, which has a peculiarly pretty effect. 3d. per pkt.

H.A. GODETIA WHITNEYI—Very attractive, forming a bush about 2 ft. high, flowers varying from flesh colour to crimson. 3d. per pkt.

H.A. GODETIA—Very showy, summer-flowering, mixed. 3d. per pkt.

H.A. GYPSOPHILA ELEGANS—Very graceful habit; flowers rose. 3d. per pkt.

H.A. GYPSOPHILA MURALIS—Very dwarf, useful for rockwork and edgings. 3d. per pkt.

A. W. WARREN, Esq., The Firs, Horsham, March 3rd, 1890.
I have very great pleasure in adding my testimony to the unrivalled excellence of the marvellous strain of seed supplied by you.

Mr. Wm. Hurson, Gardener to A. Yule, Esq., Braeside,
Fountain Road, Upper Norwood, S.E.

The seed I had of you all came up splendidly. I have had seeds from other well-known firms for several years past, but none have been equal to yours.

Cannell & Sons' Complete Seed Guide.

H. P. GYPSOPHILA PANICULATA—
Charming little plants, covered with small white
flowers, very handy for table decoration, &c.
Much used in Paris. 3d. per pkt.



GOMPHRENA GLOBOSA NANA COMPACTA.

**H. H. A. GOMPHRENA GLOBOSA NANA
COMPACTA** (Everlasting) — Purple, dwarf,
not exceeding 5 in. in height and 8 in. in diam-
eter; is the best everlasting flower that has been
introduced for many years. First-Class Certifi-
cate at Chiswick, 1880. A gem for pot culture.
3d. per pkt.

**H. H. A. GOMPHRENA GLOBOSA (GLOBE
AMARANTHUS)**—Highly prized for their heads
of flowers, which will retain their beauty for
months. Various shades of purple. *The seeds to
be treated the same as Balsams.* 3d. per pkt.

**H. A. HELIANTHUS (SUNFLOWER)
ANNUUS, DOUBLE.** 3d. per pkt.



GODETIA, LADY ALBEMARLE.



HELIANTHUS GLOBOSUS FISTULOSUS (DOUBLE SUNFLOWER).

Cannell & Sons' Complete Seed Guide.

H.A. HELIANTHUS CITRINUS—This very desirable plant for large gardens, shrubberies, and sub-tropical effects, is of branching habit, about 4 feet high; flowers are a medium size, with pale yellow ray and dark disc; exceedingly pretty, quite distinct from all other varieties. 6d. per pkt.

H.A. HELIANTHUS GLOBOSUS FISTULOSUS—Flowers of a globular outline, from 12 to 18 inches in width, of a rich saffron yellow. The best of all the doubles; no comparison to those mostly seen. 1s. per pkt.

H.A. HELIANTHUS CUCUMERIFOLIUS—New, very neat in habit, pretty, small, single yellow flowers, with black centre; very decorative; 3 feet high. 1s. per pkt.

H.A. HELIANTHUS (Single Sunflower)—All the finest single varieties mixed. 3d. per pkt.

These wonderful Sunflowers are very attractive, admirably adapted for intermingling in shrubby borders and in groups for distinct effect, and for naturalisation in semi-wild situations.

H.A. HELICHRYSUM BRACTEATUM—Everlasting, dwarf yellow. 3d. per pkt.



HELICHRYSUM BRACTEATUM.

H.A. HELICHRYSUM BRACTEATUM ALBUM—White. 3d. per pkt.

H.A. HELICHRYSUM MONSTROSUM FL. PL. (Compositum)—Choice mixed; fine large flowers. These are known as Everlasting Flowers, and as cut dried blooms are largely used for church and house decorations at Christmas festivals and other important

occasions; also for winter bouquets, in which, to conduce to general effect, it is advisable to have some varieties of the Ornamental Grasses. (See pages and .) It is necessary, when cutting the flowers for drying for winter use, to pluck them before the flower-bud is expanded, otherwise they may have a tendency to seed, and present a somewhat ragged appearance. 3d. per pkt.



HELICHRYSUM (EVERLASTINO).



HELIOTROPIMUM.

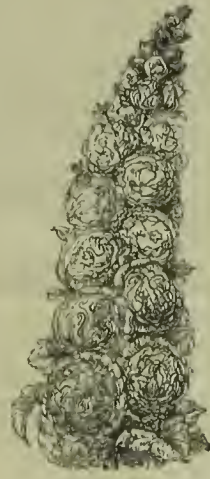
Mr. F. Fox, Broad Street, Lifton, May 22nd, 1891.
The seeds you forwarded some time since have given great satisfaction.

W. J. BALCHIN, Esq., 14, Station Road, Aldershot, April 8th, 1891.
I am quite pleased with the seeds you sent me.

Cannell & Sons' Complete Seed Guide.



HIBISCUS TRIONUM.



HOLLYHOCK.

H. H. P. HELIOTROPIUM (Cherry Pie)—Finest large flowering varieties, mixed. 6d. per pkt.

H. P. HELLEBORUS NIGER (The Christmas Rose). 1s. per pkt.



HESPERIS (ROCKET).

H. H. HESPERIS MATRONALIS CANDIDISSIMA (Rocket)—White flowered, and has a sweet perfume towards evening. 3d. per pkt.

H. A. HIBISCUS TRIONUM—Abundance of lovely creamy-white flowers (measuring about

2 inches across), with intense dark throat, nearly black; much admired; sow in gentle heat in March, plant out in May. 3d. per pkt.

H. H. P. HIBISCUS COCCINEUS—Large magnificent flowers of a bright carmine-red, one of the finest plants for bedding out, and blooms more freely than the *Chinese Hibiscus*. 1s. per pkt.

H. P. HOLLYHOCKS (ALTHÆA FL. PL. VARS.)—The distinctive character and massive beauty of the Hollyhocks render them unrivalled as a picturesque relief to the background of evergreen shrubs. For distinct effect in large groups they are matchless; they also form a showy and effective outline in flower gardens and borders, and an admirable boundary line for extensive avenues in park scenery. The seed offered has been saved from our exhibition flowers, and cannot fail to produce first-class varieties. 1s. per pkt.

Sow in February in a moderate heat, and grow on quickly, and again in August; these kept in a cold frame all the winter, and planted out in March, make the best display.

HONESTY—See *Lunaria biennis*.

A. C. HUMULUS JAPONICUS—Japanese climbing hop, of very rapid growth, luxuriant foliage, and one of the best plants for covering verandahs, trellis work, &c., &c. 1s. per pkt.

Cannell & Sons' Complete Seed Guide.

H. H. B. HUMEA ELEGANS — A well-known and very useful decorative garden plant, producing large graceful plumes of rose-tinted flowers. Superior in appearance to the *Tobacco Plant*, the leaves having a distinct and powerful perfume. Also valuable for conservatory or room decoration in winter if lifted before the frost. 1s. per packet.

H. H. B. HUMEA ELEGANS ALBA — Uncommonly free-flowering, graceful habit, dark

green foliage, pure white flowers; very novel. 1s. per pkt.

Sow in August, and place in a warm pit or greenhouse, shift into larger pots until bedding-out time; if large, fine specimens are required, they must never become pot-bound.

H. H. B. HYACINTHUS CANDICANS — A noble bulbous plant, with narrow leaves, and bearing from 18 to 20 large, white, bell-shaped flowers on a stout stem, 3 feet high; quite hardy. 3d. per pkt.



G. F. IMPATIENS SULTANI (Balsam) — One of the most distinct and beautiful of all decorative plants of recent introduction, and owing to its gorgeous colouring and profuse and continuous flowering is rapidly becoming popular. It is of neat, compact growth, almost a perpetual bloomer; in the stove it is quite at home, in cool houses it does well. The flowers are of a brilliant rosy scarlet colour, a peculiarly distinct but most effective hue, and are produced so freely that a well grown specimen appears to be quite a ball of flower. Seedlings make dwarfer and more compact plants than cuttings, and flower with much greater freedom, commencing to bloom freely when only a few inches high. Small plants, with their brilliant rosy scarlet flowers, are always in request for decorative purposes, especially for dinner table and drawing rooms. It is also very effective grown into specimen plants. One was exhibited at the Royal Horticultural Society, measuring 3 feet 6 inches in diameter, of semi-globular form. 2s. per pkt.

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H.H.A. ICE PLANT—A singular trailing plant, with thick fleshy leaves, that have the appearance of being covered with crystals of ice; very ornamental for mixing with other plants in conservatory or flower garden. *Sow in heat in March.* 3d. per pkt.

H.A. KAULFUSSIA AMELLOIDES—One of the useful tribes of hardy annuals; blue. 3d. per pkt.

H.A. KAULFUSSIA AMELLOIDES KERMESINA—Scarlet; very showy. 3d. per pkt.

H.A. KAULFUSSIA AMELLOIDES ALBA—White. 3d. per pkt.

H.A. LARKSPUR HYACINTH FLOWERED—Dwarf and beautiful class, with double flowers. Mixed. 3d. per pkt.



LARKSPUR.

H.A. LARKSPUR BISMARCK (*Delphinium consolida robustum fl. pl.*)—New, very fine; mixed. 3d. per pkt.

H.A. LARKSPUR DWARF RANUNCULUS FLOWERED ROCKET—Beautiful class with globular flowers, spirally arranged on long elegant spikes. 3d. per pkt.

H.A. LARKSPUR TALL DOUBLE ROCKET (*Delphinium Ajacis elatus fl. pl.*)—Finest. Mixed, 3d. per pkt.

H.H.P. LANTANA (Mixed)—A beautiful plant either for garden or greenhouse; the seed is saved from our collection, and will in all probability produce some splendid new kinds. *Sow in March.* 6d. per pkt.

H.P. LATHYRUS LATIFOLIUS (Everlasting Sweet Pea)—Red. 3d. per pkt.

H.P. LATHYRUS LATIFOLIUS ALBUS (Everlasting Sweet Pea)—White. 6d. per pkt.

H.P. LAVATERA ARBOREA VARIEGATA—A new variegated-leaved variety, quite hardy; very ornamental foliage plant. 1s. per pkt.

H.A. LAVATERA—Red; a splendid annual, excellent as a back ground for other plants, also very effective in shrubbery borders or large masses; height about 3 ft. 3d. per pkt.

H.A. LAVATERA—White; a white form of the preceding. 3d. per pkt.

H.A. LAYIA ELEGANS—A pretty and attractive little annual that ought to be more generally grown, if only for cut flower purposes. The rays of the flower heads are trifid and bright yellow with white tips. The head is as broad as that of a Marguerite, but it is more bulky, while the rays are much wider and toneh one another quite closely all round. The stems grow from 12 to 18 inches, and are either erect or procumbent. A bed or mass of this annual produces a fine effect, owing to the large quantity of bloom produced. The leaves are almost entirely hidden by the flowers. May be sown in Autumn or Spring, and flowers then from April to July, or from July to October. 6d. per pkt.



LAYIA ELEGANS.

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H.A. LEPTOSIPHON DENSIFLORUS—Flowers produced in clusters, of a bright purple. 3d. per pkt.

H.A. LIMNANTHES DOUGLASI—Yellow and white, exceedingly pretty; good for edging, clumps, &c. 3d. per pkt.

H.P. LINARIA CYMBALARIA (Kenilworth Ivy)—Rich violet, fine for hanging baskets, rockwork, &c. 1s. per pkt.

H.P. LINARIA MARITIMA—A very dwarf, neat species, with small roundish foliage, and a profusion of lilac-purple flowers shaded with white at the palate; it flowers first year from seed, but more strongly the second season. 1s. per pkt.

H.P. LINARIA PURPUREA—Purple. 3d. per pkt.



LINARIA RETICULATA AUREA PURPUREA.

H.A. LINARIA RETICULATA AUREA PURPUREA—Mixed. One of the most showy annuals in existence. 3d. per pkt.

H.H.A. LINUM GRANDIFLORUM RUBRUM (Scarlet Flax)—Splendid colour. 3d. per pkt.

H.P. LINUM FLAVUM—Golden Yellow; very pretty. 3d. per pkt.

H.P. LINUM PERENNE—Blue; neat border species. 3d. per pkt.



LINUM GRANDIFLORUM RUBRUM.

H.H.A. LOASA AURANTIACA—Beautiful climbing plant, suitable for trellis or wire work. 3d. per pkt.

H.H.A. LOBELIAS. BRIGHTON—For general purposes, the brightest blue Lobelia ever yet sent out, and the best variety of the *speciosa* class. 1s. per pkt.

BLUE STONE.—True, clear blue, without eye. 1s. per pkt.

CRYSTAL PALACE COMPACTA.—Deep blue; excellent for edgings and carpet bedding. 1s. per pkt.

ERINUS (Gracilis)—Blue. 1s. per pkt.

SPECIOSA. 1s. per pkt.

ERINUS ERECTA ALBA—Pure white. 1s. per pkt.

PERENNIAL VARIETIES.

H.P. LOBELIA CARDINALIS—Dark green foliage, intense red flowers. 1s. per pkt.

H.P. LOBELIA FULGENS MULTIFLORA—Deep scarlet; splendid. 1s. per pkt.

H.H.P. LOBELIA FULGENS QUEEN VICTORIA—Dark red foliage. 1s. per pkt.

H.H.P. LOPHOSPERMUM SCANDENS (*Maurandya erubescens*)—Colour of flowers purple, the roots are fleshy and may be preserved in winter like Dahlia tubers, or it may be treated as an annual and grown from seed on a hotbed, and grown out of doors during the summer months. It is a very graceful looking plant, when well grown, for trailing and hanging purposes; of quick growth. Sow in March. 3d. per pkt.

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H.B. **LUNARIA** (Honesty—Moonwort)—Ornamental, transparent, silvery seed vessels (much used for winter decoration), purple flowers; very showy. 3d. per pkt.

H.A. **LUPINUS CRUICKSHANKI**—Splendid blue and white flowers. 3d. per pkt.

H.A. **LUPINUS NANUS** — Dwarf, blue. 3d. per pkt.

H.A. **LUPINUS SUBCARNOSUS**—Splendid species for heds; flowers blue and white. 3d. per pkt.

H.A. **LUPINUS, ANNUAL VARIETIES**—Finest mixed. 3d. per pkt.

H.P. **LUPINUS PERENNIAL VARIETIES**—Finest mixed. 3d. per pkt.

H.P. **LUPINUS ARBOREUS** (The Yellow tree Lupin). 3d. per pkt.

H.A. **LUPINUS HARTWEGI** — Very pretty border species. 3d. per pkt.

H.P. **LYCHNIS CHALCEDONICA ALBA**—Flowers white. 3d. per pkt.

H.P. **LYCHNIS FULGENS**—Very showy flowers, brilliant scarlet. 3d. per pkt.

H.P. **LYCHNIS CHALCEDONICA**—Fine bold plants, with beautiful heads of scarlet. 3d. per pkt.

H.A. **MALOPE GRANDIFLORA PURPUREA**—Very showy annual, forming bushes about 2 feet high, completely covered with handsome flowers of a shiny crimson-purple, very useful for cutting, and lasts in bloom till frost sets in. 3d. per pkt.



Mr. H. POWELL, Gardens, Wyastone Leys, Monmouth.

The Calceolaria and Cineraria I had from you were splendid, both in colour and form. Nothing could be better.

Cannell & Sons' Complete Seed Guide.

H.P. MALVA MOSCHATA ALBA MAJOR—The pure white flowered variety of the British Musk Mallow; an extremely pretty and attractive plant, specially well adapted for cutting purposes; quite hardy. 1s. per pkt.



FRENCH MARIGOLD—CANNELLS' FIRST PRIZE STRAIN.



H.H.A. FRENCH MARIGOLD, CANNELLS' FIRST PRIZE STRAIN—Some blooms of this were sent to the *Gardeners' Magazine*, and the following is the reply:—

“H. Cannell & Sons.—Your *French Marigolds* are really magnificent; we have not seen anything to equal them. The colour and marking is wonderfully bright and decisive, and the form can be summed up in the one word—perfection. A few stands of bloom like those before us would present a striking contrast to, and have a great appearance amongst, other cut flowers usually exhibited at this season of the year.”

Sow in March, shift into a good-sized pot, plant out the first warm weather in May; they will last in bloom till the frost sets in. 1s. per pkt.

H.H.A. DWARF FRENCH MARIGOLD—Selected from the choicest blooms, and dwarfest plants. 1s. per pkt.



MATRICARIA.

Mr. J. BROWN, 55, Norman Road, South Wimbledon, 6th May, 1891.
The seeds have all come up first class. Stocks and Asters must have nearly every one germinated.

CHAS. A. FLOYER, Esq., Cotswold House, Egham, Surrey, 19th January, 1891.
The seeds I had of you last year were very good, especially the Asters and Stocks.

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H.H.A. MARIGOLD, DARK AFRICAN (Orange)—These produce heads of bloom of immense size; at a distance they have the appearance of Dahlias; to be treated the same as Asters. 3d. per pkt.

H.H.A. MARIGOLD, SELECTED AFRICAN LIGHT LEMON COLOUR—Extra fine for exhibition. These are equally as fine in quality as the preceding varieties. 3d. per pkt.

H.H.A. MARIGOLD AUREA FLORIBUNDA—One of the prettiest dwarf yellow bedding plants that we know. 3d. per pkt.

H.H.A. MARTYNIA FRAGRANS—Splendid, bearing fragrant crimson-purple flowers. 3d. per pkt.

H.H.P. MARVEL OF PERU—A very picturesque plant, the diversified colours contrasting well with its dark green glossy foliage; continues in bloom through the summer and autumn; the root may be preserved, like Dahlias, throughout the winter; the best colours mixed. 3d. per pkt.

H.P. MATRICARIA EXIMIA NANA AUREA CRISPA COMPACTA FL. PL.—



MESEMBRYANTHEMUM TRICOLOR.

Lovely little cream-coloured quilled flowers, very useful for cutting. It is one of the curled-leaved Feverfews; height about 8 inches; a gem in any garden. 1s. per pkt.

H.H.A. MESEMBRYANTHEMUM TRICOLOR—Lovely dwarf plants for borders or rockwork. 3d. per pkt.

H.H.A. MESEMBRYANTHEMUM CORDIFOLIUM VARIEGATUM—Foliage elegantly variegated with white; a gem for flower beds and hanging baskets. 1s. per pkt.

H.A. MATHIOLA BICORNIS (Night-scented Stock)—Light lilac; deliciously fragrant in evening and morning, and especially after a shower. 3d. per pkt.

H.H.P. MAURANDYA BARCLAYANA—A most beautiful slender climber, producing abundance of purple and white coloured tube-shaped flowers; for trailing up pillars, wire-work, &c., is one of the best plants. Sow from March to May. 6d. per pkt.

H.H.P. MAURANDYA BARCLAYANA ALBA—White. 6d. per pkt.



MIMOSA PUDICA (SENSITIVE PLANT).

G.A. MIMOSA PUDICA (Sensitive Plant)—Graceful, fern-like foliage, mostly grown as a curiosity, being so sensitive that the leaves close up immediately from the slightest touch. Must be sown in heat in small pots, and reduced to one or two plants, as they suffer greatly from being transplanted. 3d. per pkt.

H.A. MIGNONETTE, MILES' NEW HYBRID SPIRAL—Much admired by the public generally; habit dwarf and branching, with spikes often attaining a length of from 8 to 10 inches; powerful odour. Well adapted for market purposes. 1s. per pkt.

Mr. P. S. RYDER, 5, Nevill Road, New Eltham, Kent, March 24th, 1891.
I am very pleased with my lot of seeds.

Cannell & Sons' Complete Seed Guide.



H. A. MIGNONETTE, CANNELLS' PERFECTION,

The great trial of Mignonette, from all parts of the world, at Chiswick brought plenty of splendid developed specimens before the Floral Committee. The best and the worst were closely scrutinised, and all were unanimous that this was the finest variety ever yet seen in this country; and we have great pleasure in offering this very kind, which is altogether larger, bolder and its odour more powerful, and should be grown in every garden. 1s. per pkt.

H. A. MIGNONETTE, GARAWAY'S WHITE—Much grown as a pot plant for greenhouse decoration during the winter and early spring months; the spikes are not only larger, but the individual flowers are more double, and of a much purer white than other varieties, rendering it undoubtedly the best kind for winter blooming. 1s. per pkt.

H. A. MIGNONETTE, PARSON'S WHITE. 3d. per pkt.

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H.A. MIGNONETTE, RED KING—The prettiest, highest coloured red, and the most distinct of the whole family. It has also a remarkably neat habit, medium flowers, just the convenient size for cut blooms, and has a charming and striking effect amongst other flowers; much more attractive than the ordinary kinds. 1s. per pkt.

H.A. MIGNONETTE, CRIMSON. 3d. per pkt., 1s. 6d. per oz.

H.A. MIGNONETTE, GOLDEN QUEEN—A most decided golden line, which carries a cheer into every bouquet or table decoration; wonderfully free and deliciously fragrant. 1s. per pkt.

H.A. MIGNONETTE—Sweet scented. 3d. per pkt., 9d. per oz.

MIGNONETTE, MACHET—A fine new variety, undoubtedly the best for pot culture; habit extremely dwarf, thick dark green leaves, stout flower stalks, which terminate in abundant large and broad spikes of beautifully scented flowers of a bright red colour. 1s. per pkt.

DIRECTIONS FOR SOWING.—Sow in the open ground in April, and in succession throughout the summer, covering the seeds about a quarter of an inch deep. For winter and spring flowering sow in August and September, in pots of loam, mixed with a little leaf mould, and protect from frost in cold frame. For early flowering sow in February and March, on a slight bottom heat. Thin out or transplant before the plants get crowded.

H.P. MIMULUS, NEW HYBRID (Cannells' Hose-in-Hose).—An important improvement on the well-known *Mimulus, Hose-in-Hose*; of most compact growth and scarcely 3 in. high. The flowers appear in great abundance, and are borne but slightly above the cushion-shaped bush, which spreads close upon the ground. A fine plant for pots. 2s. per pkt.



MIMULUS (HOSE-IN-HOSE).

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PERFECTION MIMULUS.

H.P. MIMULUS, NEW HYBRID, CANNELLS' PERFECTION—Single mixed. The colours and markings are extremely novel and richly spotted. 1s. per pkt.

H.P. MIMULUS MOSCHATUS (Musk). 3d. per pkt.

H.P. MIMULUS GRANDIFLORUS "BRILLIANT"—Bearing very large and finely formed flowers of an intense bright blood crimson colour; very free. 1s. per pkt.

Sow Mimulus in heat from March to May, and as soon as they are established give them plenty of air, and, well shaded, they will then produce splendid flowers quite equal to the woodcut.

H.P. MYOSOTIS DISSITIFLORA—One of the best of all the Forget-me-nots. It is of a remarkably compact habit and a profuse bloomer, having the appearance, when in full flower, of a sheet of most exquisite blue; an exceedingly attractive and beautiful spring bedding plant. 1s. per pkt.

H.P. MYOSOTIS ALBA—A splendid white variety. 3d. per pkt.

H.P. MYOSOTIS SYLVATICA COMPACTA AUREA—The merit of the *Old Cliveden Blue Forget-me-not*, particularly as a spring bedding plant, is so universally recognised, that this new golden-leaved variety cannot fail to become a popular favourite. It is similar in habit and colour of foliage to the *Golden Pyrethrum*; the flowers are of the same clear bright blue as its



BEDDING MIMULUS.

prototype, and their contrast to the golden-yellow of the foliage is one of its chief merits. As its name implies, it is of peculiarly dwarf compact habit, and as a spring bedder it is destined to occupy a most conspicuous place. 1s. per pkt.

H.P. MYOSOTIS PAGODA—A beautiful variety of Forget-me-not, blooms in great profusion during the spring and summer months; as a bedding variety it is unsurpassable. 1s. per pkt.

H.P. MYOSOTIS, PIGMY BEDDER—The best of all the Forget-me-nots, a charming new spring flowering plant, very dwarf and neat in habit, flowering early in spring and continuing in bloom a considerable time; a real gem. 1s. per pkt.

H.P. MYOSOTIS ALPESTRIS "VICTORIA"—This beautiful and distinct Forget-me-not claims a prominent place in every garden. The plant grows about 5 or 6 inches high, forming compact globular little bushes which are completely covered with neat flowers of a bright azure blue with a yellow centre. We can safely recommend it, not only for bedding and pot culture, but for cut flowers, carpet bedding, and ribbon borders. 1s. per pkt.

Sow in July or August in open ground, or in slight hotbed in February.

NASTURTIUMS—See Tropaeolum.

H.H.A. NEMESIA VERSICOLOR COMPACTA—Very neat, bushy, profuse-blooming plants; they commence flowering when a few inches high, and continue in beauty for months. Mixed, 3d. per pkt.

NEMOPHILA—These charming and useful dwarf-growing hardy annuals have a neat, compact, uniform habit of growth, with shades

Rev. A. H. S. BARWELL, Clapham Rectory, Worthing, July 13th, 1891.

I am happy to tell you I am very well pleased with the result of your seeds, they have germinated well and produced fine varieties.

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and colours the most strikingly beautiful; arranged in any style which the fancy may suggest, the effect is pleasing and very striking in the extreme; for early bedding.



MYOSOTIS DISSITIFLORA.

H.A. NEMOPHILA MACULATA GRANDIFLORA—White and violet. 3d. per pkt.

H.A. NEMOPHILA INSIGNIS GRANDIFLORA—Lovely blue, white centre. 3d. per pkt.

H.A. NEMOPHILA ALBA—Pure white. 3d. per pkt.

H.A. NEMOPHILA DISCOIDALIS—Velvety black, edged white. 3d. per pkt.



NEMOPHILA DISCOIDALIS.

H.A. NEMOPHILA, MIXED. 3d. per pkt.

H. H. P. NERTERA DEPRESSA—This charming little plant, with its crimson bead-like berries close to the ground, forms a dainty cushion for a carpet bed in summer, and is likewise very ornamental when grown in pots for the front of a greenhouse stage. It is also a valuable acquisition for rockwork. 1s. per pkt.

H.H.A. NICOTIANA VICTORIA AFFINIS—This is a most extraordinary plant: 1stly, because it is a Tobacco plant, and yet so different, both in growth and flowers, to

the ordinary kind; 2ndly, because of its producing such splendid pure white noble flowers on long terminal tubes, with such a delicious scent, which renders it valuable for bouquets; 3rdly, when its gigantic white Bouvardia-like flowers are fully expanded in the evening and early morning it has a most striking effect, and perfumes the whole surrounding atmosphere. It is, beyond doubt, the greatest novelty of the garden. In our nursery it has been the amazement of all, and the result of several hundreds of packets of seeds being sold. It will also unquestionably make a splendid greenhouse plant, and is probably adaptable for market work, as it is so very free, and only attaining the height of two feet in any ordinary soil. 1s. per pkt.



NICOTIANA VICTORIA (AFFINIS).

H.H.A. NICOTIANA MACROPHYLLA GIGANTEA. 6d. per pkt.

H.H.A. NICOTIANA ATROPURPUREA GRANDIFLORA. 6d. per pkt.

Tall, handsome foliage plants of rapid growth; very suitable for shrubberies, borders, or sub-tropical gardens.

H.H.P. NIEREMBERGIA FRUTESCENS—Valuable for pots, or out of doors; flowers white, veined lilac. 1s. per pkt.

Cannell & Sons' Complete Seed Guide.

H.H.P. NIEREMBERGIA GRACILIS — Charming plants for edgings, hanging baskets, or rockwork. 1s. per pkt.

H.A. NIGELLA DAMASCENA (Devil-in-a-Bush)—Blue, 1½ feet high. 3d. per pkt.

H.A. NIGELLA HISPANICA (Love-in-a-Mist)—Brown and white, 1½ feet high. 3d. per pkt.



NIGELLA DAMASCENA.

H.H.A. NYCTERINIA SELAGINOIDES Beautiful miniature plant covered with blossom, well suited for rockwork and edgings. 3d. per pkt.

H.P. OENOTHERA MACROCARPA (Evening Primrose)—Immense flowers of a rich yellow colour. 3d. per pkt.

H.P. OENOTHERA TARAXACIFOLIA (Acaulis) — Large and beautiful silver-white flowers; dwarf. 1s. per pkt.

H.H.P. OXALIS ROSEA — Rosy-purple, very desirable, free bloomer. 1s. per pkt.

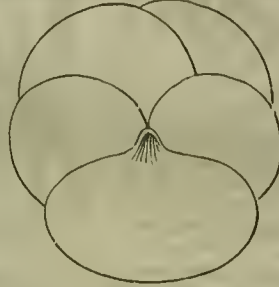
H.H.P. OXALIS ROSEA ALBA — Pretty pure white variety. 1s. per pkt.

H.P. OXSLIPS — Are a grand sight; their many colours and profuse flowering render them a most interesting class. 6d. per pkt.

PANSIES — We grow the largest and most complete collection of all this family in the kingdom. Pansies and Violas form a separate department in our gardens; for years we have been improving all classes, the Rainbow section in particular, these varieties possess more real sallow blue colour than any other kinds, and are favourites with every one. The seeds we now offer—if the plants are put in open beds, previously deeply dug, and manured good ground—will be a charm indeed; they are not large, but lovely in the extreme.

H.P. PANSY, BELGIAN, OR FANCY—Our collection is one of the finest and largest in the kingdom, flowers possess most peculiar and beautiful markings, some striped and blotched

with more brilliant and curious colours than we have in any other flower. 1s. per pkt.



SNOW QUEEN.

H.P. PANSY SNOW QUEEN—We have many white Pansies, but none can compare with this, it is so white and pure that all others appear dirty when planted by the side of it, therefore the effect is most pleasing; it is certainly one of the best novelties introduced amongst Pansies for years. 1s. per pkt.

H.P. EYNSFORD SWEEP. — The best black Pansy in cultivation. When exhibited in the great show at the Temple Gardens it caused quite a furore amongst all beholders. 1s. per pkt.



RAINBOW PANSY.

H.P. PANSY "RAINBOW" — No Pansies are so lovely and elegant as these, not on account of their great size as their surprising colours. almost every shade can be seen in them; but a bright blue and purple prevails blended one into the other, hence its name; they are most deliciously scented and free flowering, and the surprise of all, in our opinion they will give something more than satisfaction. 1s. 6d. per pkt.

Cannell & Sons' Complete Seed Guide.



STRIPED PANSY.

H.P. PANSY TRIMARDEAU (*Viola tricolor maxima*)—An entirely distinct and beautiful new race, which will commend itself to all lovers of this popular flower. The plants are of vigorous though compact habit, the flowers carried well, and each one is marked with three large blotches or spots; they are exceedingly large, and most varied shades of colour. 1s. 6d. per pkt.

H.P. DR. SANKEY'S STRIPED
—For many years this gentleman, the oldest and most successful hybridiser and raiser of flowers in the world, has so improved these kinds that they will now and for henceforth form a very distinct class; colours wonderfully bright and attractive, and gives us a new feature in Pansies. 1s. per pkt.

H.P. PANSY SHOW, EXTRA CHOICE MIXED—Saved from our acre of Pansies, the finest collection in the South of England. 1s. 6d. per pkt. See Collection.

H.P. PANSY—Mixed from a good strain. 6d. per pkt.



Canell & Sons' Complete Seed Guide.



TRIMARDEAU PANSY.

PAPAVERS, OR POPPIES—All those who want the gayest garden with the least trouble and expense, by all means try a packet of our Poppy. Simply scatter the seed over the ground, one hoeing, and you will have ten rods of ground a mass of colour for months; ours was a grand sight last year.

H.A. PAPAVER CARYOPHYLLOIDES (Carnation Poppy)—Finely fringed edge; very pretty. 3d. per pkt.

H.P. PAPAVER BRACTEATUM—Red, with black blotches, 3 ft. high. 3d. per pkt.

H.A. PAPAVER MEPHISTO—New single-flowering Poppy, raised by a sport of Papaver "Danebrog" (scarlet with silvery white spots), introduced in 1883. The colour of the flower is of a fiery deep scarlet, bearing on each of the four petals a large blackish violet spot; very showy variety. 3d. per pkt.

H.A. PAPAVER DANEBROG (Danish Flag Poppy)—New single-flowering Poppy of striking effect. The appearance of the plant in growth and height being betwixt *P. umbrosum* and the popular double-fl. Garden Poppies; the flowers are of a brilliant scarlet colour, bearing on each of the four petals a large silvery white spot, forming thus a white cross on scarlet ground, similar to the Danish and Swiss national banners. Very desirable and showy novelty. 3d. per pkt.

H.P. PAPAVER NUDICAULE MIXED (Iceland Poppy). 1s. per pkt.



PAPAVER DANEBROG.

H.P. PAPAVER ORIENTALE—Deep scarlet with black blotches; a grand border plant. 3d. per pkt.

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PEONY-FLOWERED POPPY.

H.A. PAPAVER PÆONIFLORA (Peony-flowered Poppy)—These showy, double-flowering Poppies are well known as effective additions to mixed borders and large gardens and for ornamental shrubberies. Finest mixed, 3d. per pkt.

H.A. PAPAVER PÆONIFLORA (Double White)—A white form of the preceding; very handsome. 3d. per pkt.

H.P. PAPAVER PILOSUM—Very free-growing border plants, with salmon coloured flowers. 1s. per pkt.

H.A. PAPAVER SOMNIFERUM FIMBRIATUM (Double-fringed Garden Poppy)—These produce a great variety of colour, and make a grand display. 3d. per pkt.

H.A. PAPAVER SOMNIFERUM FIMBRIATUM (Double White). 3d. per pkt.

H.A. PAPAVER MARSELLI, "MIKADO" (New Striped Japanese Poppy)—Beautifully cut and fringed; colour, at the back white, edges crimson scarlet. 3d. per pkt.

H.A. SHIRLEY POPPY.—Of all the Poppy tribe the Shirley strain gives us the loveliest of colours, combined with exquisite form and the most remarkable floriferousness. To have the plants at their best, and flowers in finest form, seed should be sown quite early in September, so that the plants may be dibbed out singly some 15 or 18 inches apart in good rich soil, although seed sown in spring does very well indeed if sown *very thinly*. 3d. per pkt.

H.P. PAPAVER (POPPY) UMBROSUM—The most beautiful dwarf single Poppy; somewhat resembles the ordinary field kind in growth, but a most vivid red, with a large intense black blotch at the base of each petal, rendering it most striking and surprising; it is really one of the best. 3d. per pkt.

The seed should be sown in the autumn, grown on through the winter, and planted out in early summer; they will then make a grand display (applies to P. Umbrosum and Iceland varieties only).

H.A. PAPAVER LÆVIGATUM—New and very showy annual Poppy from Persia, about 2 feet to 2½ feet high, with fine-shaped large flowers, 4 inches in diameter, of a brilliant deep scarlet with black spots, surrounded by a white margin at the base of each petal. The two outside petals of the flowers are twice the size of the inside ones, so that each couple form a round cup by themselves; very free flowering and extremely showy. Per packet, 1s.

H.A. PAPAVER PAVONINUM (Peacock Poppy)—New Poppy, similar in habit to Papaver Umbrosum. The most striking feature of the flower is the conspicuous glossy black zone which marks the petals near the base, the united bands forming a complete ring, which shows to a great advantage on the brilliant scarlet ground colour, during the early part of the day. When fully expanded they are nearly four inches across, and are borne in considerable numbers. It succeeds in any ordinary garden soil, and may be sown either in spring or autumn, the finest plants being obtained by the latter treatment. Per pkt., 6d.

Mrs. RAWLINGS, Goddington, near Bicester, Oxford, July 9th, 1891.

All the seeds I had of you this year have turned out well, every seed must have come up, and the Tarban Ranunculus are prized by all who have seen them—not two alike. I am very pleased with them; we have proved your seeds to be the best we ever had.



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PAPAVER NUDICAULE (ICELAND POPPY).

PELARGONIUM ZONAL—Without doubt we have the finest and best collection of Zonal Geraniums in the world—both men and houses are entirely devoted to their culture. One large house contained upwards of 600 specimen varieties, exclusively for trial and seeding. The number being gradually reduced to 200 of the very choicest, including many of those now offered for the first time in this Catalogue, we can therefore confidently say the seed now offered is far superior in quality to any other yet introduced to the public, and cannot fail to bring forth some startling improved varieties, as it is carefully hybridised with only the very choicest kinds, and every known method of fecundation is adopted to effect thorough crosses. 1s. per pkt.

PELARGONIUM, SHOW—The finest large flowering sorts. Mixed, 2s. per pkt.

PELARGONIUM, FRENCH SPOTTED—2s. per pkt.

PELARGONIUM, FANCY—The choicest. Mixed, 2s. per pkt.

PELARGONIUM, GOLD BRONZE—2s. 6d. per pkt.

H.P. PINK—All from our unrivalled collection, saved only from *splendid flowers*, and cannot fail to produce some first-class new varieties. See Collection. 2s. 6d. per pkt.

Sow the seed about May, and treat the same as recommended for Carnations.



ZONAL PELARGONIUM.

H.P. PENTSTEMONS—Saved from our own Catalogue collection, which embrace all the best up to the present, including every new variety, and cannot fail to produce flowers of superior quality. 1s. per pkt.

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PAPAVER UMBROSUM.

H.P. PENTSTEMON JEFFRAYANUS—

A beautiful and valuable herbaceous perennial, erect spikes of rich azure blue flowers, produced continuously from June to the end of December. 1s per pkt.

Sow in March in pans, using light soil, and place in a dark frame and gentle heat; prick out into other pans when strong enough to handle, and continue to grow on freely in heat until established, then gradually harden off. By the end of May they can be planted out 18 inches apart, into good soil and open situation.

H.H.A. PERILLA NANKINENSIS—A distinct and useful ornamental plant; leaves dark reddish mulberry; desirable for masses and lines in flower gardens. 3d. per pkt.

H.A. PHACELIA CAMPANULARIA (A. Gray)—In habit it resembles the well-known *Whitlavia grandiflora* (which is now placed by botanists in the genus *Phacelia*), but has a much more spreading and bushy habit of growth, and is therefore more floriferous; an average plant

will cover nine square inches of ground. The greatest attraction of the plant consists in its large and numerous flowers, of the finest deep gentian satiny blue, of a shade rivalling that of *Salvia patens*, produced in terminal racemes of from 12 to 20 blossoms, which are developed in succession. Each flower is about three-fourths of an inch across, of an erect campanulate form, with a spreading five-lobed limb, and short funnel-shaped tube, marked in the throat with fine oblong white spots. It has received a First-Class Certificate from the Royal Horticultural Society. 1s. per pkt.

H.P. PHYSALIS ALKEKENGII (Winter Cherry)—A curious perennial, with white flowers, succeeded by numerous transparent red berries. 3d. per pkt.

H.P. POLEMONIUM CŒRULEUM (Valerian Blue Greek)—Elegant fern-like foliage. 3d. per pkt.

H.P. POLEMONIUM ALBUM—White 3d. per pkt.

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H. H. P. PETUNIA HYBRIDA NANA COMPACTA (New Dwarf Inimitable Petunia)—Each plant forms a complete and densely branched bush, 5 to 8 inches high by as much in diameter, resembling a naturally-grown bouquet. Flowers a brilliant cherry-red, and each one is marked with a regularly-formed white star. Profuse bloomer; seedlings, when only 3 inches in height, begin to unfold their charming flowers; for market as well as for carpet bedding, a great future may be predicted. 1s. 6d. per pkt.



PETUNIA HYBRIDA NANA COMPACTA.

H. H. P. PETUNIA GRANDIFLORA FIMBRIATA—Flowers are of great size; the colouring of the throat extends to the middle of the petals. Unusually beautifully veined, and the colouration of flowers rose, crimson, and purple lines, which reflect a metallic tinge. 1s. per pkt.

H. H. P. PETUNIA NANA COMPACTA MULTIFLORA FL. PL. (Lilliput, double)—New double kind of this much-admired variety, producing dwarf and dense bushes upon which are borne very numerous and exceedingly pretty small double flowers of the most charming shades of colour; they are in part spotted and striped, and part self-coloured, giving the plant a very pleasing appearance. 2s. per packet.

H. H. P. PETUNIA GRANDIFLORA FIMBRIATA FLORE PLENO—Large-flowering double-fringed Petunias. 2s. per pkt.



DOUBLE PETUNIA.



**R.H.P. PETUNIA (LARGE-FLOWERING YELLOW-THROATED) GRANDIFLORA
INTUS AUREA.**

The new yellow-throated Petunia now offered, and which, after several years' careful selection, has at last been successfully fixed, constitutes a class of rare beauty. The characteristics are large-sized flowers of faultless form, with a broad and deep yellow throat, which is generally veined after the manner of the *Salpiglossis*. The latter colouring heightens the effect of that of the outer surface of the petals, and completes the beauty of the entire flower. This particularly refined class, obtained from *P. superbissima*, yields, despite repeated fertilisations, very little seed. 2s. per pkt.

R.H.P. PETUNIA HYBRIDA—Finest mixed for bedding 6d. per pkt.

Our Petunia Seed is well known to be the best in England.

Cannell & Sons' Complete Seed Guide.



PHLOX DRUMMONDI.

H.H.A. PHLOX DRUMMONDI GRANDI-FLORA—These comprise the most brilliant colours imaginable; the flowers are larger than those of the older kinds, and of finer substance. We consider it safe to observe that there is no known annual which will more amply repay any care bestowed upon it. The finest mixed, 1s. per pkt.

H.H.A. PHLOX DRUMMONDI GRANDI-FLORA ALBA—Flowers pure white; very useful where cut flowers are in demand. 1s. per pkt.

H.H.A. PHLOX DRUMMONDI GRANDI-FLORA SPLENDENS—Refringent scarlet-red flowers, rendered further remarkable by a large white eye, the centre of which is encircled with a well defined violet edge. 1s. per pkt.



PHLOX DRUMMONDI FIMBRIATA.

H.H.A. PHLOX DRUMMONDI (mixed)—Very handsome useful summer and autumn bedding plants; the flowers, which vary from white to purple and rich crimson, are borne in great profusion many months in succession. 1s. per pkt.

H.H.A. PHLOX DRUMMONDII FIMBRIATA—The petals of all the known Phlox varieties are entire, but in this variety they are partly fimbriate, partly three-toothed, the centre-teeth are almost twice as long as the lateral ones, all distinctly bordered with white, which, together with the bright eye of the centre, picturesquely contrast with the magnificent velvety colours, consisting already of more than twenty-five very splendid distinct colours. We offer it in finest mixture. 1s. per pkt.



H.H.A. PHLOX DRUMMONDII CUSPIDATA ("Star of Quedlinburgh")—This novelty, which has been obtained from the Phlox Drummondii fimbriata, is slightly more compact than that variety. The size of the flower is the same, but the pointed centre-teeth of the petals (five in number) are five to six times as long as the lateral ones, and project beyond them like little spikes $\frac{1}{4}$ to $\frac{1}{2}$ inch long, giving the flowers a distinctly-marked, regular, star-like form, whose beauty is enhanced by the broad white margins which borders the edges of the petals. This novelty will prove to be one of the finest flowers for fine bouquets, pot flower, market purposes, or open ground. Offered in finest mixture of nearly twenty colours. 1s. per pkt.

H.P. PHLOX DECUSSATA (Perennial Phlox)—From the finest collection. Mixed, 1s. per pkt.

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PRIMULAS.

Our strains are well known to be the best in the World.

FOR many years past we have exhibited side by side with all comers. We have not only been awarded more First-Class Certificates than all other growers combined, but above that, although until some years ago we refrained from competing until prizes had to be given to comparatively useless kinds, which alone induced us to enter our exhibits, and on the very first occasion we beat all comers into a cocked hat, and the next season we were left alone, "masters of the field." Not one dared to compete with us; and it is a fact, to prevent the class being expunged, we promised the following year not to enter for prizes, and independent of that promise we gave £5 on purpose to revive competition. All this may perhaps appear incredible—nevertheless, it is a fact; and in our opinion it is solely due to the superiority of our kinds, every one of which are our own raising, and totally away from the worthless sorts one sees puffed up in advertisements and gaudy colours and exaggerated engravings, from one end of the world to the other.

At the great Primula contest held at the Royal Aquarium National Primula Show for the best collection, we entered for competition 20 lovely and distinct varieties, side by side with the oldest, largest, and the most expert growers in England, also the greatest miscellaneous exhibitors, and the result was

THE FIRST PRIZE!

None of the others bore even the slightest comparison to ours.

Above and beyond the highest award we were presented with an Extraordinary Special Certificate bearing the following words:—

"We hereby certify that this Certificate has been awarded to H. CANNELL & SONS for an excellent representative collection of Primulas of high-class quality at the Exhibition of the National Society, held January 14th, 1888.

(Signed) "RICHD. DEAN, }
"GEO. GORDON, } Judges."

Together with *Two First-Class Certificates*, which clearly demonstrates beyond all dispute, and is certainly the most conclusive proof of, the superiority of our varieties over all others. The day previously, at the Royal Horticultural Society, the same plants were unanimously granted the high distinction of a Silver-Gilt Medal by the Floral Committee and a First-Class Certificate. In addition, the oldest and greatest experts pronounced the collection the best and most complete ever exhibited.

It was admitted, and the best judges confirmed it, that no other Primulas in this great Show, where all the best were shown side by side, could for a moment bear comparison with ours in either colour or shape.

MAGAZINE, 11th January, 1890.

NATIONAL CHRYSANTHEMUM SOCIETY'S MIDWINTER SHOW.—Messrs. H. Cannell & Sons staged a large and extremely beautiful collection of Primulas, and were awarded the Silver Medal.

PRIMULAS (PRIMULA SINENSIS).

IMPROVEMENT—The highest bright red is a grand march onwards of the Swanley-Red type; habit, size, substance, and fiery colour of its flowers far excels all others, except our new ones; habit and freeness, together with its fine flowers, constitute it a gem. First-Class Certificate. 2s. 6d. per pkt.

Mr. E. WILLS, The Gardens, Box House.

If your Primulas, *Intensity* and *Princess Mary*, are improvements upon your other excellent varieties they are indeed perfection.

Cannell & Sons' Complete Seed Guide.

WHITE PERFECTION — The loveliest and the most perfect in habit, flower, and freeness, and stands at the head of this class. In February (1887) it was exhibited in between two which were expected to excel it, but it far-distanced them by long odds, and confirmed the fact that no other variety raised is near its equal. First-Class Certificate. 2s. 6d. per pkt.



WHITE PERFECTION



SWANLEY BLUE.



IMPROVEMENT, DEEP RED.

Mr. J. M. SEABRIGHT, Gardens, Harrow Weald House, Stanmore, Middlesex.
Your *White Perfection* Primula has turned out splendid. My employers say I am to grow it again this year.

Mr. H. ATTWATER, Gardener to General BAYNES, The Lodge, Field Place, Hersham.
Your Primulas are the best that I have ever grown.

Cannell & Sons' Complete Seed Guide.

SWANLEY WHITE, IMPROVED — Pure pearly-white colour. 2s. 6d. per pkt.

SWANLEY BLUE—Identical, or nearly so, with what has been shown as blue colour; it is a beautiful mauve, perfectly distinct, and one of the most uncommon coloured Primulas of the whole collection; very striking. 2s. 6d. per pkt.

PINK PERFECTION—5s. per pkt.

CANNELLS' PINK—Is acknowledged to be the most perfect Primula ever raised; colour, the most lovely of pinks ever seen, nearly resembling the tint at the base of the petals of *La France* rose. By carrying your thoughts to that flower you can readily imagine the grandeur of this variety, the largest bloom and the finest habit. The value can readily be seen. 2s. 6d. per pkt.

INTENSITY—The highest coloured red and the largest flower, and best habit of all the Swanley Red class. 2s. 6d. per pkt.

PRINCESS MARY—Our variety named *White Perfection* is known and valued throughout the world. This is also a pure white, but of the highest quality flower, so overlapping is its petals that it well-nigh resembles the outline of a gigantic double. Its fimbriation is not approached by any other kind; habit good; and very free. Those who have honoured us with a visit have probably observed the lovely parsley-shaped leaves. The original was called *Crispifolia*, but its flowers were of the poorest description. The question was to put a really good flower on this ornamental foliage plant, and after years of attentive work and many dis-

appointments we at last succeeded in raising a variety possessing the coveted prize; and after our esteemed customers have seen a flower, we quite expect one and all to say, "We are quite entitled to a gold medal from the nation." At all events, of this we are quite certain, that if placed before anyone interested in such matters, they would say and write as we have done. 2s. 6d. per pkt.

PRINCESS OF WALES—Good habit; wonderful free flowering; colour, a lovely bluish white. 2s. 6d. per pkt.

SWANLEY GIANT—A large form and colour of the old coloured kinds. Seed very scarce. 5s. per pkt.

LILACINA—Plain leaf. 2s. 6d. per pkt.

LILACINA—Fern leaf. 2s. 6d. per pkt.

CANNELLS' MARKET WHITE—Plain leaf, light foliage. 1s. 6d. per pkt.

CANNELLS' MARKET WHITE—Plain leaf, dark foliage. 1s. 6d. per pkt.

CANNELLS' MARKET WHITE—Fern leaved. 1s. 6d. per pkt.

The three above-mentioned varieties are especially offered to those who grow for market, and for that purpose are unsurpassed. Habit of plant, size and substance of flower, is all that can be desired, and we can with confidence recommend them.

MIXED—Containing the above kinds. 2s. 6d. per pkt.

PRIMULA SINENSIS FIMBRIATA, FLORE PLENA (DOUBLE).

Fringed, double white. Per pkt., 5s.

" " brilliant magenta-red. Per pkt., 5s.

" " red and white mixed. Per pkt., 5s.

Our four houses, each 100 feet, from November to May presents the most wonderful sight ever seen.

MRS. HYDE CLARKE, Hatherley Brake, near Cheltenham.

I was very much pleased with seeds from you. You may remember I got first prize with with your Primulas, and am anxious to get my Seeds again from you. I know you will send the very best.

Mr. J. REST, Eridge Castle Gardens, Tunbridge Wells.

Your Primulas are truly lovely.

HOW TO GROW PRIMULAS.

NOW often and how true it is remarked that England could double its present produce if the art of cultivation was better understood. The precisely same remark applies to Primulas—and, in fact, to all flowers, three-parts of which are positively starved and ill-treated. First, make yourself master of what creates health and vigour in a plant, and what will injure it, and its effect, and what loss is sustained by that injury. To thoroughly understand all this, see all our cultural remarks, particularly "How to grow soft-wooded plants to the height of perfection." Sow the seed in May, and again in June, on a level surface of soil, composed of two parts rotten turf loam, one of partly rotten leaf mould, one of decayed cow-manure, and a small quantity of sea-sand; this mixture of soil will do for all growths and potting. Just cover over the seed with some light material (sifted

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cocoon-fibre is the best), water lightly, but thoroughly, place in total darkness, and in about ten days examine, and give light and air; the moment the seed leaves appear gradually expose, and prick out, as soon as they can be handled, into small pots; shade, and at all times keep them as near the glass as possible (a cold frame is the best place up to the first cold weather in September); slightly shade from hot sun, and as soon as the roots make their appearance in the drainage-hole shift into 5 or 6 inch pots; be careful that this is done in a clean skilful manner, by not dirtying the foliage nor injuring the roots; pot firmly, pressing the soil down as tightly as you can with the forefinger; be sure that the soil is neither too wet nor too dry; sprinkle well, and shade and shut up rather closely for a few days; water with perfectly clear rain-water; and as soon as the plants show the flower-stem give them weak liquid manure once a week, and all the moisture you can without creating any damp or mould; keep in a temperature of from 50° to 60°, and one regular moisture at the root is the great secret of success, so that the soil never shows the least crack or vacancy round the inside of the pot; if this is allowed to occur, vigour is gone for the season. Often seedsmen and nurserymen are blamed for sending wrong and inferior kinds, and their engravings and descriptions set down as puff. We invite one and all to



O U R

— FLOWERS * AT * SWANLEY —

For other valuable cultural remarks, see *Cyclamen*, *Calceolarias*, and *Cinerarias*.

It is well known that our collection, solely for seeding purposes, is the choicest in the world, and are throughout the winter a sight worth seeing, for the new kinds possess such brilliancy of colour that they totally eclipse the older ordinary rose-coloured varieties; were it needed, we could append numerous extracts from every Horticultural Journal and other testimonials. (See Report of the Royal Horticultural Floral Committee Meetings.)

H.P. PRIMULA JAPONICA (*New Crimson Primrose*)—A superb alpine species, which has proved itself perfectly hardy; well known. 1s. per pkt.

H.H.P. PRIMULA OBCONICA—If sown in spring *Primula Obconica* blooms in the latter half of summer, but it is from December to June that in a conservatory or cold frame it attains its height of attractiveness and beauty, and all the while furnishes a very plentiful and useful material for cutting. The colour of the flowers, which measure about two-thirds of an inch across, slightly varies between white and pale lilac, and the plant has been described and favourably commented upon in all the gardening papers of repute. 2s. per pkt.

H.H.A. PORTULACA GRANDIFLORA FL. PL.—For brilliant, beautiful, and delicate flowers, this charming genus stands unrivalled; and, whether in baskets, beds, edgings, or rock-work, its large, splendid flowers, produced in the greatest profusion, are extremely effective; succeeds best in light, gravelly soil. Must be exposed to the full glare of the sun. 1s. per pkt.

H.H.A. PORTULACA SINGLE—1s. per pkt.

H.P. PYRETHRUM PARTHENIFOLIUM AUREUM (*Golden Feather*)—This is the best yellow foliage bedding plant ever sent out. For autumn, winter, and spring decorations they look grand if sown about the middle of August. 3d. per pkt.

H.P. PYRETHRUM DOUBLE—From best named kinds. 1s. per pkt.

H.P. POTENTILLA—Handsome herbaceous plants. Finest mixed, 1s. per pkt.

H.P. PYRETHRUM AUREUM LACINATUM—Sport from *Golden Feather*, beautifully lacinated foliage, almost like a fern. 3d. per pkt.

H.P. PYRETHRUM AUREUM SELAGINOIDES—An entirely new and distinct form of *Pyrethrum*, of an exceedingly dwarf and compact habit, the flat foliage resembling fronds of *Selaginella Martensi* overlaying each other, which give the plant a wonderfully grand and level appearance. 1s. per pkt.

H.P. PYRETHRUM, GOLDEN GEM, OR "PARIS PEARL"—Invaluable bedding plant producing large, elegant, double-white flowers, which are continued without intermission from May to November. 3d. per pkt.

H.P. PYRETHRUM SINGLE—From best named kinds. 3d. per pkt.

H.P. - RANUNCULUS ASIATICUS SUPERBISSIMUS—Splendid large-flowered double hybrids, flowering the second year from seed. Most valuable acquisition. 1s. per pkt.

H.H.A. RHODANTHE MACULATA—A very elegant variety, silvery pink, with yellow centre, beautiful alike either in bud or fully expanded. 3d. per pkt.

H.H.A. RHODANTHE MACULATA ALBA—3d. per pkt.

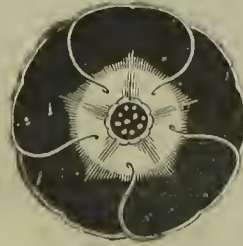
Mr. R. H. CONIBEAR, St. Thomas, Swansea, July 28th, 1891.

I took first prize with *Primula* grown from your seed last year.

Cannell & Sons' Complete Seed Guide.



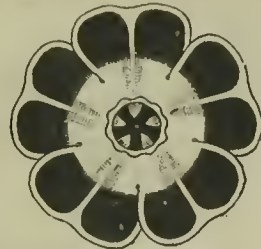
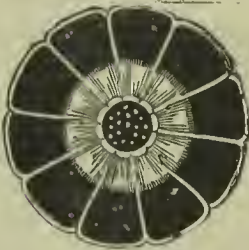
POLYANTHUS.



H.P. POLYANTHUS—Named varieties. Choice mixed, 1s. per pkt.

H.P. POLYANTHUS (Gold Laced)—We have great pleasure in offering seeds of our well-known choice collection (*See Collection*), the best in the south of England. 1s. 6d. per pkt.

Sow in pots from February, and place in a gentle heat; when the seedlings are strong enough, prick out into other pans, and when well established, harden off; transplant in a shady border, free from drip, 6 inches apart.



THE CHOICEST NAMED COLLECTION OF POLYANTHUS IN ENGLAND.

H.P. POLYANTHUS, HOSE-IN-HOSE—Finest mixed, 2s. 6d. per pkt.

POPPY—*See Papaver.*

H.P. PRIMROSE (Hybrid)—Extra fine, many colours, saved from our fine seedling varieties. *Keep the seed moist and cool; some will germinate soon after sowing; others much later. 1s. per pkt.

H.P. PRIMROSE, COMMON YELLOW—True; seed gathered from plants growing wild. 1s. per pkt.

H.P. PRIMROSE, "BEACONSFIELD PRIMROSES." 1s.

H.P. PRIMROSE HARBINGER—We are now able to offer seed of this magnificent White Primrose, which is far in advance of all other whites. 2s. per pkt.

H.H.A. RHODANTHE MANGLESI (Everlasting Flowers)—Elegant half-hardy annual, 10 to 15 inches high, with dwarf erect branching habit, and bright rose-coloured flowers 3d. per pkt.

H.H.A. RHODANTHE ATROSANGUINEA—Very fine, crimson. 1s. per pkt.

H.H.A. RICINUS GIBSONI—Dark purple stem and leaves, very fine and ornamental; the best of all the ornamental-leaved Castor Oil plants for sub-tropical appearance. 3d. per pkt.

J. J. KERSLAKE, Esq., Corporation Offices, Wellington, New Zealand, *February 26th. 1891.*

The seeds arrived safe, and what I have sown are coming up well: the Fuchsias you also sent are doing fine.

Cannell & Sons' Complete Seed Guide.



PORTULACA GRANDIFLORA FL. FL.



RHODANTHE MACULATA.

H.H.A. **RICINUS ROSEUS MAGNIFICUS** (Castor Oil)—A distinct and beautiful variety, of dwarf and bushy habit, with large palmate leaves; seed vessels beautiful rose-pink, borne in large clusters. 3d. per pkt.



RANUNCULUS ASIATICUS SUPERBISSIMUS.

H.H.A. **RICINUS BORBONIENSIS ARBOREUS**—Extra fine, growing 15 ft. high. 3d. per pkt.

H.H.A. **RICINUS GIBSONI MIRABILIS**—A handsome variety; dwarf. 3d. per pkt.

H.H.A. **RICINUS GUYANENSIS**—Dwarf. 3d. per pkt.

G.P. **RIVINA HUMILIS**—The prettiest red berry-bearing plant that we have, and for table decoration all through the autumn a gem; no warm greenhouse should be without it. 1s. per pkt.

H.P. **RUDBECKIA AMPLEXICAULIS**—Yellow flowers. 3 feet high. A bunch of these look very handsome arranged with their own foliage, and last a long time in water. 3d. per pkt.

H.P. **RUDBECKIA DRUMMONDI**—Orange. 3d. per pkt.

H.H.A. **SALPIGLOSSIS, DWARF (Mixed)**—Large handsomely marked flowers, varying in tint from creamy white to black, blue, and purple; has a splendid effect. Sow in March. 3d. per pkt.

H.P. **SALVIA ARGENTEA**—Very silvery foliage, large size; a most effective and beautiful plant. 3d. per pkt.

The Primula seed I had from you turned out A 1. Mr. J. Fry, Eastcote, Pinner, Middlesex.

Mr. GEO. LAWRENCE, Stifford, Romford Street, April 16th, 1891.
The seeds I had of you last year—viz., Primulas, Cinerarias, and Calceolarias—gave the greatest satisfaction, and were much admired by all who saw them,

Cannell & Sons' Complete Seed Guide.



RIVINA HUMILIS.



RUDBECKIA AMPLEXICAULIS.

H.P. SALVIA FARINACEA—A first-class branching shrubby plant, 2 feet high, for summer bedding, of a habit similar to the *Salvia splendens* and flowering at the same time. If sown early in the spring, the ends of the branches begin to show the flower-spikes in July; these are light blue, and retain for months this beautiful shade; the readiness with which it flowers in the open ground, combined with its easy cultivation, will soon make it a universal favourite in our flower garden. 6d. per pkt.

H.H.A. SALVIA HISPANICA—A very fine annual, grows to a height of 3 feet, and its glittering azure charming blossoms form a fine contrast to the glossy green foliage. 3d. per pkt.

H.H.P. SALVIA PATENS—Splendid blue. 1s. per pkt.

H.A. SANVITALIA PROCUMBENS—Very effective, dwarf, close-growing plants, admirably suited from their continuous and free-blooming habits for filling beds, planting edgings, rock-work, &c. 3d. per pkt.

H.A. SANVITALIA PROCUMBENS FL. PL.—Very double golden yellow flowers. 3d. per pkt.

H.A. SEDUM CŒRULEUM—A pretty blue flowering stone-crop. 1s. per pkt.

H.A. SAPONARIA CALABRICA (MULTI-FLORA)—One of the prettiest and most useful annuals for bedding purposes; flowers dark rose, produced in great profusion for many months. 3d. per pkt.

H.B. SCABIOSA DWARF. DOUBLE (Mixed)—Fine for beds or mixed borders; rich and beautifully coloured flowers; excellent for cutting. 3d. per pkt.

H.A. SAPONARIA CALABRICA ALBA—A white-flowered variety of the preceding; in all other respects similar; very desirable for contrast. Sow in the open in August or early in spring. 3d. per pkt.

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SCABIOSA (OF MOURNING BRIDE).

H.H.A. **SCHIZANTHUS GRAHAMI** — Elegant garden or greenhouse variety; lilac and orange. 3d. per pkt.

H.H.A. **SCHIZANTHUS PINNATUS PYRAMIDALIS "TOM THUMB"** — Perfectly constant variety, symmetrical growth, only 10 inches high, abundance of flowers; purple, with black centre; an acquisition. 3d. per pkt.

H.H.A. **SCHIZANTHUS RETUSUS NANUS** — New dwarf, only 1 foot high; flowers bright scarlet, with orange, red, and dark brown, shaded. 3d. per pkt.

H.A. **SENECIO or JACOBÆA (DOUBLE)** — Freck-flow'ring plants, producing their gay-coloured flowers in great profusion. Mixed, 3d. per pkt.

H.P. **SEMPERVIVUM TABULÆFORME** (The Table Plant) — A splendid succulent. 1s. 6d. per pkt.

H.A. **SILENE PENDULA** — Pink. 3d. per pkt.

H.A. **SILENE PENDULA, FL. PL.** — A splendid double variety, flowers rose-carmine. 1s. per pkt.

H.A. **SILENE PENDULA COMPACTA ALBA** — Dwarf and compact, very recommendable for edgings, white. 3d. per pkt.

H.A. **SILENE PENDULA ALBA** — White. 3d. per pkt.

H.A. **SILENE PENDULA** — Mixed. 3d. per pkt.

H.A. **SILENE PENDULA NANA COMPACTA** — A very beautiful spring bedding plant, dwarf and compact; flowers bright pink, borne profusely in a dense compact mass; valuable for edging on ribaud borders. 3d. per pkt.



SILENE PENDULA NANA COMPACTA.



SILENE PENDULA, DOUBLE.

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SOLANUM, HYBRID IMPROVED.

H.A. SILENE PENDULA COMPACTA NANA FOL. AUREA—The yellow foliage Silene, flowers pink, very dwarf; most useful. 3d. per pkt.

H.A. SILENE PENDULA COMPACTA RUBERRIMA FL. PL.—Splendid variety, flowers red. 3d. per pkt.

G.S.H. SOLANUMS, HYBRID IMPROVED—These are beautiful for winter decoration, and are of easy culture. 1s. per pkt.

Sow in January, keep them growing, and by the autumn they will be covered with round, bright orange-coloured berries, which are very pretty all the winter.

H.P. STACHYS LANATA—A very hardy plant, with large woolly leaves, close compact growth; fine for large broad margins. 3d. per pkt.

H.H.A. STOCKS, LARGE-FLOWERED GERMAN TEN-WEEK—Finest mixed colours; extra fine. 1s. per pkt.

H.B. STOCKS, INTERMEDIATE—This seed is saved from the best Covent Garden Stock, Scarlet, 1s. per pkt.; White, 1s. per pkt.; Purple, 1s. per pkt.; Mixed, 1s. per pkt.

H.B. STOCKS, EAST LOTHIAN, INTERMEDIATE (Edinburgh Prize Strain)—Magnificent in beds or ribbon borders, also herbaceous borders; grows rapidly and flowers abundantly from August to January, forming quite a link between summer and spring flowers.

WHITE—Pure white, grand flowers. 1s. per pkt.

MAGENTA CRIMSON—New, vivid colour, very choice. 1s. per pkt.

PURPLE—Grand. 1s. per pkt.

WHITE (Wallflower leaved)—Admirably adapted for growing in pots, as it seldom grows more than one foot in height; flower fine, perfume delicious. 1s. per pkt.

MIXED. 1s. per pkt.

The Intermediate or Spring-flowering Stocks are extensively cultivated for Covent Garden Market; in the early summer months, during the "London Season," it constitutes one of the principal features in furnishing jardincts, etc., and is also of great value in filling the early summer flower beds. The East Lothian Stock is more branching than the True Intermediate, and therefore not so well adapted for pot culture, but is more valuable for the flower garden. For autumn flowering sow early in spring; for spring flowering sow early in July, and winter in cold frame.

JOHN BLAKE, Esq., Stanton St. John, Oxford.

I must give you great praise for the Stock seed I had from you last year. They have turned out beautiful. Please send another packet.

Cannell & Sons' Complete Seed Guide.



BROMPTON STOCK.

H.H.A. GERMAN EMPEROR STOCK—
Extra fine, mixed, 1s. per pkt.

The foregoing varieties of Stock have proved to be the most distinct and decorative, and suitable to the different styles of gardening for which the Stock is so admirably adapted. All are desirable pot-plants, and are greatly prized as cut flowers, both for their diverse colours and fragrance. For a continuous succession of bloom, seed should be sown at intervals from the beginning of March to the end of May; the first sowing under glass, the latter sowings may be made where the plants are intended to bloom.

H.B. STOCK, BROMPTON—A strong growing biennial variety, very useful for winter or spring gardening. Scarlet, 1s. per pkt.; Purple, 1s. per pkt.; White, 1s. per pkt.; Finest Mixed, 1s. per pkt.

Brompton should be sown in July, and planted out in a good soil in a sheltered situation. They generally stand the winter without protection, and make a grand display in June and July.

H.H.A. PERPETUAL TEN-WEEK STOCK—Snow white. *Princess Alice*; fine for pot culture and cut flowers. 1s. per pkt.

H.H.A. STOCK, PERPETUAL-FLOWERING—Dwarf, mixed. 1s. per pkt.

H.H. STENACTIS SPECIOSA—Purple flowers, plants 2 feet high; if the seed is sown in a slight hotbed in March, it will produce flowering plants the same year. 3d. per pkt.

SWEET ALYSSUM—See *Alyssum Maritimum*.

SWEET SULTAN—See *Centaurea Moschata*.

SWEET WILLIAM—See *Dianthus Barbatus*.

H.P. STELLARIA GRAMINEA AUREA—Neater than *Golden Feather*, and, like that, far better from seeds than plants. 1s. per pkt.

H.H.A. TAGETES, SIGNATA PUMILA—A miniature variety of Marigold, with small pinnate leaves, golden yellow flowers, striped with crimson during autumn and summer months; one of the most useful annuals for bedding and decorative purposes. 3d. per pkt.

G.A. THUNBERGIA ALATA—Beautiful climber for pot culture in conservatories, and for low walls on warm aspects in the garden, growing 4 to 6 feet high, and flowering profusely throughout the summer months; flowers pale buff with nearly black throat, leaves shaped somewhat like a spade. 3d. per pkt.



PERPETUAL STOCKS.

FOR COLLECTION OF STOCKS, SEE PAGE 64.

Mrs. TELFER, Newington, Paignton.
I wish to say that the seed of the White Stock I got from you last year has turned out splendidly, every plant double.

Mr. WM. BELL, Knighton Road, Leicester, September 30th, 1891.
The Ten-week Stock seed that you supplied me with produced the finest in the Midlands. First prize everywhere exhibited. Fourteen entries at one Show. *Princess Alice* were simply grand—6 to 12 splendid spikes on each plant.

Mr. A. R. NEWTON, Killooney House, Armagh.
The Stocks I got from you are very fine, best I have ever grown. All the seeds I had from you came very well.

Cannell & Sons' Complete Seed Guide.



LARGE FLOWERING DOUBLE GERMAN TEN-WEEK STOCK.



PERPETUAL TEN-WEEK STOCK,
"PRINCESS ALICE."

JOHN D. SMITH, Esq., Garforth Collegiate School, Leeds, *June 2nd, 1890.*

Was quite charmed with the Wallflowers I raised from your seed. None so good have been seen in this district before.

MR. S. MIDDLETON, Blackfordby, Woodville, Burton-on-Trent.

The Double German Wallflowers I got from you and sowed last September are now in flower, and they are the talk of the neighbourhood—in fact, not one man in this district has got anything like them.

MR. J. BUSBY, The Gardens, Fox Hills, near Chertsey, Surrey, *August 17th, 1891.*

The seeds I had from you all proved far better than those I have had from other places. The Begonias and other things have been admired by all who have been in the garden.

MR. W. H. HICKS, The Gardens, Wallop House, Stockbridge, Hants.

I always found your goods true to Catalogue, and of the most excellent quality.

MR. A. BARTLEMAN, The Gardens, Longridge Towers, Berwick-on-Tweed, *June 29th, 1891.*

I am glad to say all the seeds I had from you have germinated *extra* well.

MR. A. NEWELL, Gardener to Sir E. SAUNDERS,
Fairlawn, Wimbledon Common, *August 8th, 1891.*

The seeds you supplied me with have been very good. I always find more seed in your packets than in packets I get from any other firm.

E. A. BAZELEY, Esq., Ildene, Ilminster, *July 21st, 1891.*

I am pleased to tell you that your seeds have turned out well.

Cannell & Sons' Complete Seed Guide.



TAGETES SIGNATA PUMILA.



STENACTIS SPECIOSA.



STATICE SPICATA.

Cannell & Sons' Complete Seed Guide.

H.H.A. STATICE SPICATA (Everlasting)
—Forms long spikes of rosy-pink flowers; of easy growth. 3d. per pkt.

G.P. STATICE HALFORDII (Everlasting)
—A superb blue variety, useful for the decoration of the green-house. 1s. per pkt.

H.H.A. STATICE SUWOROWI
—By far the finest of all annual Statice, and indeed one of the showiest annuals we possess; similar in habit to *S. spicata*, but greatly superior to it. Its branching flower spikes, of a very bright rose with a crimson shade, appear successively from ten to fifteen on each plant, and measure each fully 15 to 18 inches in length, and from $\frac{1}{2}$ to 1 inch in breadth; the foliage lying flat on the ground is comparatively small and completely hidden by the numerous flower spikes, each leaf being about 5 inches long and $1\frac{1}{2}$ to 2 inches broad, undulated and glaucous. One plant will last in flower more than two months, and if sown in succession from February to April, it may be had constantly flowering throughout the summer and autumn. A whole bed of this lovely plant in full bloom is a truly magnificent sight, being one mass of flowers. 1s. per pkt.

H.A. SWEET PEAS—Finest varieties mixed. 3d. per pkt.

H.A. SWEET PEA, PRINCESS BEATRICE—A beautiful pink. 6d. per pkt.

H.A. SWEET PEA, ADONIS
—Bright carmine. 6d. per pkt.

H.A. SWEET PEA, FAIRY QUEEN—Flesh coloured. 6d. per pkt.

H.A. SWEET PEA, BUTTERFLY—Wonderfully attractive. 3d. per pkt.

H.A. SWEET PEA, INVINCIBLE SCARLET—3d. per pkt.

H.A. SWEET PEA, PURPLE—3d. per pkt.

H.A. SWEET PEA, PAINTED LADY—3d. per pkt.

H.A. SWEET PEA, WHITE—3d. per pkt.

G.A. TORENIA BAILLONI—A gem; yellow, with a purplish-brown tube; is very effective as a basket plant in a compost of two parts peat and one part loam and leafy mould. 1s. per pkt.

G.A. TORENIA FOURNIERI SUPERBENS—Large sky-blue flowers with indigo-blue spots and bright yellow in centre; if sown from February to April will bloom under glass from June to September, and will also thrive well if planted out in the summer months in a warm climate. 1s. per pkt.

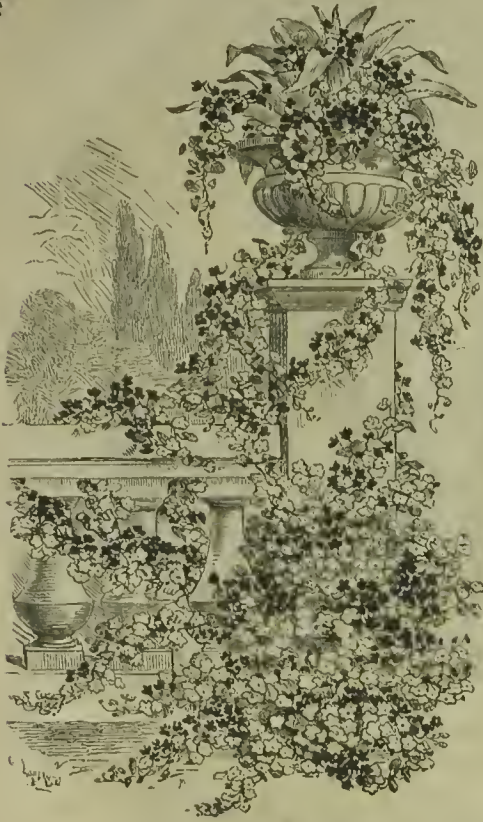
H.H.A. TRICHOSANTHES COLUBRINA
—Beautiful climbing plant, with long, elegant, serpent-like fruit from 5 to 6 feet in length, which when ripe is of a brilliant carmine colour. 3d. per pkt.

H.H.A. TROPÆOLUM LOBBIANUM (True)—Elegant, and remarkable for their richly diversified colours and profusion of bloom, being equally adapted for in or out door decoration, and very graceful growing over trellises, pillars, walls, &c. Mixed, 3d. per pkt.



STATICE SUWOROWI.

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TROPÆOLUM LOBBIANUM.



TROPÆOLUM CANARIENSE.

H. H. A. TROPÆOLUM CANARIENSE
(Yellow Creeper)—3d. per pkt.

H. A. TROPÆOLUM MAJUS — Strong-growing; tall. Mixed, 3d. per pkt.

H. A. TROPÆOLUM, TOM THUMB, KING THEODORE—A distinct and very effective variety; foliage bluish green; habit compact; flowers very dark velvety crimson, borne in great profusion many months in succession. 3d. per pkt.

H. A. TROPÆOLUM, TOM THUMB, EMPRESS OF INDIA—One of the best of this section; very showy, a gem. 6d. per pkt.

H. A. TROPÆOLUM, TOM THUMB (Mixed)—Containing many showy varieties. 3d. per pkt.

H. A. TROPÆOLUM, TOM THUMB Scarlet—A beautiful scarlet; very showy. 3d. per pkt.

H. A. TROPÆOLUM, TOM THUMB Pearl—Creamy white; very pretty. 3d. per pkt.

H. A. TROPÆOLUM, TOM THUMB Crystal Palace Gem—Sulphur spotted with crimson. 3d. per pkt.

H. A. TROPÆOLUM, TOM THUMB Beauty—Scarlet and Yellow. 3d. per pkt.

H. A. TROPÆOLUM, TOM THUMB Spotted—Scarlet and yellow. 3d. per pkt.

H. A. TROPÆOLUM, TOM THUMB King—Dark foliage, intense scarlet blossoms, very handsome; strongly recommended. 3d. per pkt.

H. A. TROPÆOLUM, TOM THUMB, RUBY KING. 3d. per pkt.

H. A. TROPÆOLUM, TOM THUMB, CÆRALEA ROSEUM. 3d. per pkt.

H. A. TROPÆOLUM, TOM THUMB, COCCINEUM FOLIUS AUREIS—New yellow leaved Dwarf Nasturtium; flowers scarlet, which forms a striking contrast with the pretty light foliage, very attractive as a bedding plant; quite distinct. 6d. per pkt.

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TORENIA.



VALERIANA.



TROPÆOLUM, TOM THUMB.



TYDÆA HYBRIDA NANA.

S.P. TYDÆA HYBRIDA NANA — The culture of the natural order *Gesneriaceæ* has been a speciality of our establishment for a number of years, and our seedlings of Gloxinias, etc., comprise the finest and most beautiful varieties existing in this genus. The Tydæas cultivated up to the present time have the disadvantage to grow to the height of $1\frac{1}{2}$ to 2 feet and more before they form their flower stems, while the new class is of dwarf growth, attaining only a height of 6 to 9 inches when in full bloom, being very free

flowering and varying in the same magnificent colours and strains as the tall sorts. Its very dwarf habit renders it very valuable, being equally as pretty as Gloxinias, and if sown early and potted forward these gay and effective varieties will also bloom the same season and at the same time. Constant from seed it is a novelty of great merit. 1s. 6d. per pkt.

H.P. VALERIANA RUBER — The well-known red garden Valerian. 3d. per pkt.

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VINCA (PERIWINKLE).

VENUS'S LOOKING-GLASS — See Campanula Speculum.

H.H.P. VERBENA HYBRIDA CANDIDISSIMA—Large pure white flowers. 1s. per pkt.

H.H.P. VERBENA HYBRIDA DARK BLUE—1s. per pkt.

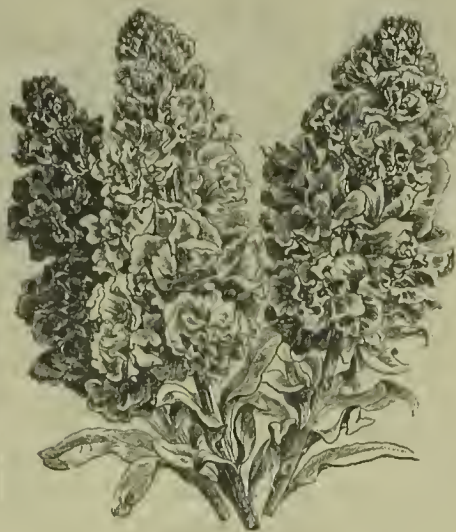
H.H.P. VERBENA HYBRIDA DEFIANCE—Beautiful rich scarlet flowers. 1s. per pkt.

H.H.P. VERBENAS, CHOICEST MIXED—This seed is saved from our best collection—in fact, from all the best at present in cultivation. Sow in heat early in spring. 1s. per pkt.

H.P. VERBENA VENOSA—A good old bedding plant; the true variety. 3d. per pkt.

H.H.P. VINCA ROSEA—These beautiful and easily cultivated plants, when sown in spring, flower in summer, and are important in the decoration of the conservatory and sitting-room; they succeed out of doors in warm situations; flowers rose, white centre. 3d. per pkt.

H.H.P. VINCA ROSEA ALBA PURA—Pure white. 3d. per pkt.



WALLFLOWER (DOUBLE).



VERONICA SPICATA.

H.P. VERONICA SPICATA—Long elegant spikes of rich blue. 6d. per pkt.

Mr. J. K. HEARD, Imperial Hotel, Torquay, February 17th, 1891.

I must say the seed from you have given great satisfaction again this year.

Cannell & Sons' Complete Seed Guide.

H.P. VIOLAS—For continuous lines, ribbons, and edging to large beds, or intermingle with other plants these are charming; continuously in bloom if attended to.

CHAMPION CLOTH OF GOLD } Each,
1s. per pkt.

FINEST MIXED. 6d. per pkt.

H.A. VIRGINIAN STOCK—When sown in February or March, a very gay display is produced in the flower garden with this plant, while spring flowers are passing away, and summer flowers are coming on.

CRIMSON KING. 3d. per pkt.

PIGMY—New dwarf, compact white. 3d. per pkt.

The above are great improvements upon the older varieties.

H.A. MIXED—3d. per pkt.

H.A. VISCARIA CARDINALIS—Splendid cardinal coloured. 3d. per pkt.

H.A. VISCARIA CŒRULEA—Blue; this fine variety produces a nice contrast with *cardinalis*. 3d. per pkt.

H.A. VISCARIA ELEGANS PICTA—Scarlet, margined white, elegant and beautiful. 3d. per pkt.

H.A. VISCARIA (Mixed)—Lovely little flowers, borne on graceful stems well above the foliage; is most valuable when gathered for specimen glasses, baskets, &c. 3d. per pkt.

H.H.A. WAITZIA GRANDIFLORA—New everlasting flower, valuable for winter bouquets; flowers bright yellow. Requires picking early on account of the centre soon becoming discoloured. 1s. per pkt.

WALLFLOWERS.

H.P. CANNELLS' IMPROVED MAROON—One is delighted when the eye rests on a very dwarf blood-coloured Wallflower; the darkness and the perfume of this variety far exceeds all others, and a few plants is a feature in every garden. 1s. per pkt.

H.P. WALLFLOWER PRIMROSE DAME—Quite distinct from all others. Colour a pale lemon; forms a striking contrast to the dark varieties. 3d. per pkt.

H.P. WALLFLOWER—Graham's yellow perfection. 3d. per pkt.

H.P. COVENT GARDEN—Dark blood red. 3d. per pkt.

H.P. GOLDEN TOM THUMB—If there is one flower that ought to be more generally grown in every garden than it has been, it is the *Golden Tom Thumb* Wallflower, for it is a mass of flower all the winter and spring. 3d. per pkt.

H.P. HARBINGER—New autumn and winter flowering Wallflower, extremely early flowering; great acquisition all the spring. 3d. per pkt.



GOLDEN TOM THUMB WALLFLOWER.

H.P. GOLDEN KING—3d. per pkt.

H.P. SISLEY'S BROAD PETALLED WINTER FLOWERING—Mons. Jean Sisley sent us seed of this, stating that it was well worth introducing into England, as it was far superior to our varieties; and true enough, a bed proved to be the surprise and admiration of all who saw it. Should be introduced into every garden. 1s. per pkt.

H.P. DOUBLE GERMAN—Dwarf, compact habit; exceedingly fine massive spikes of beautiful flowers. Finest mixed. 1s. per pkt.

N.P. BEDFONT YELLOW—Fine colour rich golden yellow. 3d. per pkt.

H.P. WALLFLOWER—Single, mixed. 3d. per pkt.

Wallflowers are prized for their delicious fragrance. In the spring they are indispensable for beds, groups, and ribbons; the large, massive, conspicuous spikes of the double German varieties have a charming effect; while the more bushy compact growth and profuse blooming of the single Wallflowers render them exceedingly attractive. A mass of Golden Tom Thumb, with its unalloyed rich golden orange blossoms, is a sight unrivalled; and so profusely does it bloom as to resemble a dense carpet of gold.

H.A. WHITLAVIA GLOXINIODES—The fine Gloxinia-like blooms of these recommend them for flower beds and border decoration during both spring and summer. 3d. per pkt.

H.A. XERANTHEMUM ANNUUM SUPERBISSIMUM—Beautiful violet-purple, everlasting flowers, makes a grand effect in borders where the flowers succeed each other from June till late in the autumn. The cut flowers are peculiarly interesting and desirable as dried specimens; handsome bouquets may be formed of them for indoor decoration during the winter, if the blooms be gathered when upon the point of opening. To be treated the same as the Aster. 3d. per pkt.

Cannell & Sons' Complete Seed Guide.



WHITLAVIA GLOXINIOIDES.

H.A. XERANTHEMUM ANNUM
SUPERBISSIMUM FL. PL. ALBA—Grand
introduction; fine globular heads of pure white
flowers. 3d. per packet.



XERANTHEMUM ANNUM SUPERBISSIMUM.
(EVERLASTING.)

H.H.A. ZINNIA ELEGANS, SINGLE.
Mixed, 1s. per pkt.

H.H.A. ZINNIA ELEGANS, DOUBLE.
Mixed, 1s. per pkt.

For Collections of Zinnias, see page 65.



ZINNIA HAAGEANA FL. PL.

Cannell & Sons' Complete Seed Guide.

H.H.A. ZINNIAS—These are amongst the most dazzling and durable of annals, and the way in which they look best is in a bed or masses of mixed colours. Why many fail with them is in sowing them too soon, as they either get drawn or starved before it is safe to plant them out, or they get pinched with cold, and in either case they get such a check that they seldom recover. Any time in April is quite early enough to sow the seed, which ought to be sown in gentle heat to get it to germinate. As soon as the plants are up stand near the glass to keep them strong and stocky, and after being pricked out into boxes and well rooted, harden off gradually for a week or so ready to plant out in rows a foot apart, and the same distance from plant to plant. To grow well and enable them to stand dry weather Zinnias require a good soil which has been deeply dug with plenty of rotten manure worked in.

The Pumila varieties, which are dwarf and compact, are admirably adapted for pot plants. The single Zinnias are also very handsome, while it would be impossible to speak too highly of the double and single varieties of Haageana for beds, rockwork, and masses in the borders. The seeds are carefully selected from the finest and most perfect flowers only.

H.H.A. ZINNIA HAAGEANA FL. PL.—Habit similar to the single form known under the name of *Z. Haageana*, but its brilliant orange flowers are full, double, and regularly built. Ought to be more grown. To be sown and grown the same as recommended for the Aster. 1s. per pkt.

H.H.A. ZINNIA ELEGANS ALBA FL. PL.—A beautiful variety, producing magnificent double white flowers all through the season. 1s. per pkt.

H.H.A. ZINNIA ELEGANS PUMILA FL. PLENO—Great acquisition for ribbon borders, &c. Its flowers are perfectly double, and include many brilliant colours. Height, 12 to 15 inches. 1s. per pkt.

H.H.A. ZINNIA ELEGANS TAGETIFLORA FL. PL.—A beautiful and distinct novelty, including all the brilliant shades of colour of the double Zinnia, but differing from it in the shape of the flowers, which resemble those of the quilled Aster, the petals at the base being flat, as in the *Hollyhock*, which imparts a very pretty effect in the flowers. 1s. per pkt.

H.H.A. ZEA JAPONICA VARIEGATA (Striped Japanese Maize)—A free growing and very ornamental variety, attaining the height of 4 ft.; leaves broad, alternately striped with green and white, and one of the best ornamental foliage plants that we possess; invaluable for the centre of beds or borders. Sow in March. 4d. per pkt.

BOUQUET WIRE (Silver White).

This Wire is of the finest quality, does not rust, consequently smooth and easy to work, no matter how long kept.

Stalk Wire in $\frac{1}{4}$ -lb. packets (about 500 wires), two different thicknesses of wire in each. Price 6d.

Fine $\frac{1}{4}$ lb reels for binding, also best annealed (black), &c., price 9d. Extra fine (white only), 1s. per reel. Sent by post, $\frac{1}{4}$ lb. 2 $\frac{1}{2}$ d. extra; under 1 lb. 3d. extra; 3 lbs. 6d. extra.

TOBACCO PAPER and CLOTH for FUMIGATION.

Of our own manufacture, free from injurious properties to plants. For full particulars how to use it, and to exterminate the Green Fly, see "CANNELLS' ART OF GARDENING," sent post free for 4 stamps. 1s. 4d. per lb.; 5 lbs., 5s. 8d.; 10 lbs., 10s. 6d.; 28 lbs., 27s. Postage extra.

The EARL OF LISBURN, Crosswood, Aberystwith.

The seed I had from you last year was excellent, and has been admired by all.

Mr. J. J. KERSLAKE, Corporation Office, Wellington, N.Z., February 26th, 1891.

The seeds arrived safe. What I have sown are up and looking well. The Fuchsias you sent me last year are also doing well.

Mr. RD. JAMES, Waters Upton, Wellington, Salop.

I am pleased to say the whole of the seeds I had from you have come up very well indeed, and I hope to send for more next year.

Cannell & Sons' Complete Seed Guide.

CANNELLS' LIST OF PENNY PACKETS OF FLOWER SEEDS.

We are growers of Flower Seeds in large quantities, and of the very best quality in Europe, and now offer the following in Penny Packets for cottagers; our facilities enable us to be more generous and better seeds than any other house in England.

12 packets post free; if less than 12 packets are ordered, extra stamps must be sent to cover the postage.

ADONIS, FLOS	MARIGOLD, AFRICAN, MIXED
ASTER, CHINESE, MIXED	MIGNONETTE
BALSAM, DOUBLE	MYOSOTIS (FORGET-ME-NOT), BLUE
CALLIOPSIS DRUMMONDI	NASTURTIUM, TALL, MIXED
CANDYTUFT, WHITE ROCKET	" DWARF, MIXED
" CRIMSON	NEMOPHILA INSIGNIS
" MIXED	" MIXED
CANTERBURY BELLS, MIXED	ORNAMENTAL GRASSES, MIXED
CLARKIA, MIXED	PANSY, MIXED
COLLINSIA BICOLOR	PAPAVER SOMNIFERUM, DOUBLE
CONVOLVULUS MAJOR, MIXED	" ORIENTALE
" MINOR, MIXED	" UMBROSUM
CORNFLOWER, MIXED	POPPIES, MIXED (annual varieties)
DELPHINIUM ELATUM, MIXED	SAPONARIA CALABRICA
DIGITALIS (FOXGLOVE), MIXED	SILENE PENDULA, MIXED
ERYSIMUM PEROWSKIANUM	" PENDULA RUBERRIMA
" ARKANSANUM	STOCK, TEN-WEEK, MIXED
ESCHSCHOLTZIA CALIFORNICA	SUNFLOWER
" CALIFORNICA ALBA	SWEET WILLIAM, MIXED
GILIA TRICOLOR	VIRGINIAN STOCK, MIXED
GODETIA WHITNEYI	VISCARIA, MIXED
" MIXED	WALLFLOWER, SINGLE, MIXED
HELICHRYSUM, MIXED	" BLOOD RED
LINUM GRANDIFLORUM RUBRUM	
LOVE LIES BLEEDING	

BULBS FOR SPRING PLANTING.

Anemone, Double, mixed	...	...	...	1/0 per doz.	...	6 0 per 100.
" Single, "	...	...	...	0/6	"	3 0 "
" Fulgens	...	...	...	1 6	"	10 0 "
" Double	...	...	...	2 0	"	12 0 "
Ranunculus, Persian, mixed	...	...	...	0 6	"	2 6 "
" Turbar, "	...	...	...	0 6	"	2 6 "

CANNELL'S SEEDS
NONE PERFECT ONLY FROM CANNELL, KENT

Cannell & Sons' Complete Seed Guide.



We have the largest and finest collection of Roses in England. 7 acres, 5,000 in pots.

MARÉCHAL NIEL,

8 ft. to 12 ft. high, 3s. 6d., 5s., and 8s. each.

ESTABLISHED PLANTS in 6-inch pots, of all the finest Tea-scented varieties, grown especially for Conservatories.

Extra Strong Plants, in pots for forcing, always in bud — NIPHETOS, CATHERINE MERMET, SOUVENIR D'UN AMI, PERLE DES JARDINS, THE BRIDE, ISABELLA SPRUNT, MADAME FALCOT. 2s. 6d. and 3s. 6d. each.

Extra strong Plants of NIPHETOS, full of buds, 3 and 4 feet high, 7s. 6d. and 10s. 6d. each. Special Prices for Large Quantities to the Trade.

Climbing Roses, specially grown in pots for training on walls and rafters, for Conservatory and Out-door Planting.



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A SELECT LIST OF THE BEST VARIETIES OF FRUIT TREES.

APPLES.

Standards, 1s. 6d. and 2s. 6d.; Dwarf Bush, 1s. 6d. to 2s. 6d.; Dwarf Trained 3s. 6d., 5s., and 7s. 6d.; Pyramidal, 1s. 6d. and 2s. 6d.

DESSERT.

Adams' Pearmain
Asbmead's Kernel
Baumann's Red Winter Reinette
Braddick's Nonpareil
Casterton
Claygate Pearmain
Court Pendu Plat
Cox's Orange Pippin
Devonshire Quarrenden
Duke of Devonshire
Dutch Mignonne
Fearn's Pippin
Gasconne Scarlet

Hambledon Deux Ans—
K and T
Hawthornden
Irish Peach
King of Pippins
Kerry Pippin
Lady Sudeley
Mannington Pearmain
Margil
Mr. Gladstone
Red Juncating or Margaret
Red Astrachan
Reinette, Baumann's

Royal Somerset
Rose Nonpareil
Ribston Pippin
Scarlet Nonpareil
— Pearmain—T
Sturmer Pippin
Worcester Pearmain
Winter Majetin
— Queening
Wyken Pippin
Yellow Ingestrie

KITCHEN.

Alfriston
Annie Elizabeth
Beauty of Kent
Bedfordshire Foundling
Blenheim Orange
Bramley's Seedling
Brownlee's Russet
Cellini
Duchess of Oldenburg
Dumelow's Seedling, or Wellington
Early Julien

Eckliuville Seedling
Grenadier
Golden Noble
Keswick Codlin
Lane's Prince Albert
Lord Derby
— Suffield
Mère de Ménage
New, or Winter Hawthornden
Newtown Pippin
Norfolk Beefing

Peasgood's Nonsuch
Reinette du Canada
Striped Beefing
Small's Admirable
Smart's Prince Arthur
Stirling Castle
Stone's or Loddington
The Queen
Tower of Glamis
Warner's King
Wellington
Winter Peach

PEARS.

Fan-trained Standards, 3s. 6d. to 7s. 6d.; Orchard Standards, 1s. 6d. to 2s. 6d.
Pyramidal, 3s. 6d.; Dwarf Bush, 2s. 6d.; Dwarf-trained, 3s. 6d., 5s. to 7s. 6d.

Bergamot d'Esperen
Beurre d'Amanlis
— Bachelier Viuense
— Bose
— d'Arenberg
— de Capiaumout
— Diel
— Rance
— Superfin
British Queen
Brockworth Park
Catillac

Doyenne du Comice
— d'Été
Duchess d'Angoulême
— de Bordeaux
Durandeau, or de Tongres
Easter Beurré
Emile de Heyst
Fondante d'Automne
(Thompson's)
Glout Morceau
Jargouelle
Josephine de Malines

Knight's Monarch
Louise Bonne of Jersey
Madame Treyve
Marie Louise
— Benoist
Olivier des Serres
Pitmaston Duchess
Souvenir du Congrès
Triomphe Vienne
Williams' Ben Chretien
Winter Nelis
Verulam, or Spring Beurré

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CURRANTS.

Good Bushes, 3s. to 6s. per dozen.

BLACK.

NAME.		DESCRIPTION.
Champion Black	...	a new large-berried variety.
Lee's Prolific Black	...	bunches long, berries large; mild and sweet, good for Dessert
Black Naples	...	fruit very large; the sweetest and best of all.

RED.

Dutch	...	one of the best for general purposes.
Haughton Castle	...	large and good; an abundant bearer.
Raby Castle	...	an abundant bearer; fruit hangs longer than any other variety.

WHITE.

White Dutch	...	a well-known and justly esteemed fruit.
Transparent	...	bunches and berries large.
White Versailles	...	said to have all the good qualities of the red variety.

PLUMS.

Pyramidals, 2s. 6d. and 3s. 6d.; Standards, 2s. 6d. and 3s. 6d.; Dwarf Bush, 2s. 6d.; Dwarf-trained, 2s. 6d. to 7s. 6d.

Belgian Purple	Early Orleans	Prince Englebert
Coe's Golden Drop	Gisborne's	— of Wales
Cox's Emperor, or Denbigh	Greengage	Pond's Seedling
Denniston's Superb	Jefferson	Reine Claude de Bavay
Diamond	Kirke's	White Magnum Bonum, or
Early Transparent Gage	Late Rivers'	Egg Plum
— Prolific, or Early Rivers'	Oullin's Golden Gage	Victoria

DAMSONS.

Standards, 1s. 6d. to 2s. 6d.

Cluster, Farleigh Prolific, or Crittenden | Pruue, or Shropshire Damson, or Damaseene.
 "Kent Cluster." The noted *Cluster Prolific* Damson.

CHERRIES.

Pyramidals and Standards, 2s. 6d. and 3s. 6d.; Dwarf trained, 2s. 6d. to 5s.

Belle d'Orleans	Black Eagle	Frogmore Early Bigureau
Bigarrean	Early Rivers'	May Duke
— Napoleon	Elton	Morello
	Florence	

PEACHES.

Dwarf trained, 3s. 6d., 5s., and 7s. 6d.

Alexander	Gross Mignonne	Royal George
— Noblesse	Hale's Early	Stirling Castle
Barrington	Noblesse	Waterloo
Early York (Rivers')	Princess of Wales	Walburton Admirable

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NECTARINES.

Standard trained, 10s. 6d. and 15s.; Dwarf trained, 3s. 6d. to 7s. 6d.

Advance
Elruge

Lord Napier
Pineapple

Pitmaston Orange
Victoria

APRICOTS.

Standard trained, 5s. to 10s. 6d.; Dwarf trained, 3s. 6d., 5s. to 7s. 6d.

Early Moorpark
Kaisha

Large Early
Moorpark

Peach Apricots
Shipley's, or Blenheim

FIGS.

Young Plants, in pots, 2s. 6d. and 3s. 6d. each; bearing Plants, in pots, 5s. and 7s. 6d.

Black Ischia
Brown Turkey

Brunswick
Early Violet

Negro Largo
White Marseilles

GOOSEBERRIES.

Price, small trees, 4s. per dozen; selected bushes, 6s. per dozen.

Whinham's "Industry" Gooseberry, when ripe the colour is dark red, and of enormous size admitted to be the heaviest cropping variety in cultivation. 8s. per doz.

GREEN—

Admiration
Glenton Green
Green Gascoigne
— Walnut
— Overall
— Mountain
Pitmaston Grocugage
Ocean
Plunder
Profit
Philip the First
Stockwell
Thumper

RED—

Bobby
Clayton
Companion
Crown Bob
Dan's Mistake
Duke of Sutherland
Keen's Seedling
London

RED—

Lord Derby
Monarch
Prince Regent
Red Champagne
Rigby's Honeymoon
Roaring Lion
Speedwell
Warrington
Whinham's Industry
Yorkshire Lad

WHITE—

Antagonist
Alma
Bright Venus
Careless
Cheshire Lass
Freedom
King of Trumps
Lady Leicester
Lancer
Postman
Queen Anne

WHITE—

Snowdrift
Snowdrop
Tally Ho
Transparent
White Champagne
Whitesmith

YELLOW—

Briton
Broom Girl
Bunker's Hill
Catherina
Criterion
Drill
Duckwing
Early Sulphur
High Sheriff
Leader
Leveller
Ringer
Trumpeter
Yellow Champagne

PROFITABLE FRUIT GROWING.

By John Wright, F.R.H.S., Editor of "Journal of Horticulture."

£20 prize essay given by the Worshipful Company of Fruiterers for the best work on the subject.

This is certainly the best and most useful book of its class. Post free, 1/3.

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SELECT GRAPE VINES.

Grape Vines we grow very extensively; four of our 100-ft. houses are filled with them early in the spring, and afterwards (the houses) used for drying seeds during August and September. Each year we have some unsold from the preceding year's sale; these are shifted from the 9 and 10-in. pots into baskets filled with well-prepared soil, and make strong growth from 12 to 18 ft. long, carrying bunches of Grapes. These are of great importance when a house is required to be filled at once. At all seasons these Vines, if planted intact and laid sideways, together with 2 ft. of stem, 6 inches below the surface, will at once put forth young fresh roots. By having these a season's planting will be saved. 10s. to 12s. each.

We have also a large quantity planted out, four years old, with very large strong canes, for immediate cropping. Would fill a house the first season, if planted in a similar way in good soil.

- ALICANTE**—Black, bunches large; a fine late variety.
- ALNWICK SEEDLING**—Black, large oval berries; rich flavour.
- BARBAROSSA**—Black, produces enormous bunches and hangs late.
- BLACK HAMBRO'**—A delicious Grape, best for general use.
- BOWOOD MUSCAT**—A first-class variety.
- BUCKLAND SWEETWATER**—White; an excellent early Grape.
- DUKE OF BUCCLEUCH**—Amber; largest white-berried Grape in cultivation; good companion to Black Hamburgh.
- FOSTER'S SEEDLING**—White; early and good.
- GOLDEN QUEEN**—Amber; bunches large, flesh firm.
- GROS COLMAR**—Black, late; very large berries.
- GROS MAROC**—Black.
- LADY DOWNE'S SEEDLING**—Black; late hanging, firm flesh.
- MADRESFIELD COURT**—Black; well suited for cool vinery.
- MRS. PINCE'S BLACK MUSCAT**—Fine colour; late.
- MUSCAT OF ALEXANDRIA**—White, requires heat, late.
- MUSCAT HAMBRO'**—Black, Muscat flavour.
- ROYAL MUSCADINE**—White, early, and one of the best for a wall outside.
- SWEETWATER**—Old white; a sweet and refreshing white Grape, succeeds in the open air.
- TREBBIANO**—White; large, good, late.

5s., 7s. 6d., and 10s. 6d. each.

(157)



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HENRY CANNELL & SONS

(F.R.H.S., M.S.A.),



HORTICULTURISTS,



GARDENS OF ENGLAND, SWANLEY AND EYNSFORD, KENT.

300 ACRES.

150 EMPLOYÉS.

Our 14 Foremen have an interest in the Business,
satisfaction is thus certain with all Orders.

WE supply everything in the finest possible condition for the best kept Gardens all over the World. Our favourable climate, soil, and facilities enable us to serve Ladies and Gentlemen so much better than if situated in or near a town and smoky atmosphere, or more northward.

First send for our Catalogues, and then **"COME AND SEE"** our Stock. We always have a grand display of whatever is in season, which all lovers of the Garden will highly appreciate. Ours are the largest and most complete general Horticultural Establishments just outside of the London fogs, and all who desire the best supply for the garden will benefit immensely by once paying us a visit, and view our stock and situation, &c., and we should also be glad to make their personal acquaintance. Frequent trains, London Chatham and Dover Railway. Nurseries adjoining the Stations. Swanley is the greatest Horticultural District in the World.

All who use our Seeds at once pronounce them superior, not only in strain, but plumpness, colour, and germinating powers. Coming off our rich, warm, calcareous soil they produce nearly double the weight of the ordinary seeds. The great success that has attended this Department (grown and supplied direct from us--the growers to the sowers) makes us proud of our Patented Trade Mark, **"PERFECT SEEDS."**



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GLASSES

TO CATCH ALL WASPS, AND THUS SECURE THE FRUIT.

Prices on Application.



BAGS

FOR KEEPING GRAPES

EFFECTUALLY.

Prices on Application.

Cannell & Sons' Complete Seed Guide.



THE VALE OF EYNSFORD.

—• The finest locality in England. —•



The following has appeared in nearly all the London Papers :



HAVE often thought it is a pity that Eynsford is not two hundred miles from London, instead of eighteen. If it were in Devonshire instead of the most accessible portion of Kent, its grey ruined castles, its interesting old churches, and its quaint picturesque villages would be known and appreciated as they deserve. The river itself, with its swift and limpid current, is not unworthy of comparison with a Devon stream. Now it twists and lingers under rich overhanging foliage of elm and ash, hazel and alder ; then it intersects the brightest of green pastures, where the red and white kine lie dreaming in the sunlight. Near the village it widens and frets over the shallows till pebbles gleam and sparkle like shells in the transparent clearness. After leaving Shoreham a path leads through willow-fringed meadows and hop gardens. The river Darent glides out of sight among the shady recesses of Sir W. Hart Dyke's castle and park. The walk hence to the little early English church of Eynsford is the most exquisite piece of the whole river, which here and there broadens into the loveliest of lakelets, banked by luxuriant foliage, whose glowing tints are repeated in the placid surface below. The park is open to the public ; and a day may well be spent rambling knee-deep in fading bracken, amid its delicious glades of beech, oak, and yew. In any case the hill should be climbed, for the sake of the glorious view of the valley.

Still keeping the river path, one comes upon the village of Eynsford, set deep in apple and cherry orchards, with features of its own. A winding street of half-timbered houses leads over a rambling old bridge to the ivy-girt rustie church. This was originally Norman, and there is still a fine Norman arch to be seen beneath the old wooden porch.

From Eynsford to Farningham is but a mile, the last part across fields. Or half-way up the western hill a true Kentish lane leads, between hedgerows gay with berries, to the same spot. Farningham is a capital place for head-quarters, with clean and comfortable inns, a rich choice of rambles, and, if desired, some miles of trout fishing. Eynsford is almost within sight of Swanley—distance by rail, two miles.

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STRAWBERRIES.



THE ABOVE ILLUSTRATION SHOWS A FIFTY-ACRE FIELD AT SWANLEY

We respectfully solicit orders for ours, the finest plants, and most complete collection in England. Swanley is acknowledged to be the largest and best Strawberry-growing district in the world.

Eight Acres grown entirely for the Runner Plants, at a distance of 3 ft. from plant to plant, on purpose so that every plant must be true to name.

THE Strawberry is one of our most important fruits, and should be better understood and grown; if so, a full crop would almost be a certainty every year.

The first and great main thing is to have the soil well trenched or deeply dug, and if turned over the second time, well mix the three inches of manure put upon the soil; this should be done not later than July. Then have fine young green plants from us, trim off all the leaves, except one or two, place the roots as in Fig. 4, with the crown well above the soil, and tread down firmly; this done, well water them, should the soil be dry, every few days until they show well into growth. Beyond this little else is needed until just before the fruit shows colour the following year, when the ground should be carefully covered with clean straw; at all times cut away the runners, and the crop will be large. If fine exhibition fruit is required, and the weather be dry, make four to six holes with a crowbar around the plants, and fill up with liquid manure three or four times a week, and the fruit will be much increased in size. The berries must be thinned, and none left to come after the exhibition takes place. Always keep free from weeds and all runners as they appear.

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GENERAL COLLECTION OF STRAWBERRIES.

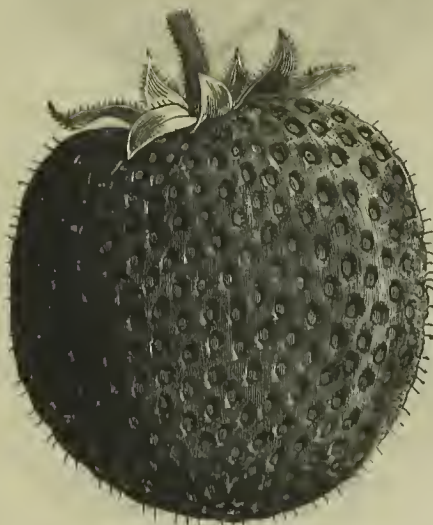
We have numbered in their order of merit a dozen of the old standard kinds that have given satisfaction and are considered the best.

- A. F. BARRON—A good cropper ; fruit round, and of a high colour.
- AUGUSTE NICAISE—Fruit of this variety has been repeatedly shown in fine condition. The Fruit Committee awarded it a Certificate of Merit. For poor soil it is, beyond all question, one of the very best varieties. The fruit is large, round, and of a light crimson colour ; *British Queen* flavour.
10. BICTON PINE—Conical shape, white fruit ; distinct, large.
- BIDWELL—Early, good flavour ; very free. 7s. per 100.
- BLACK PRINCE—The earliest ; small, highly-coloured red fruit.
2. BRITISH QUEEN—The best flavoured fruit in cultivation ; should be grown in every garden.
- CAPTAIN—Small, but very prolific.
- CHELE ORANGE—A pretty fruit ; white, tinted pink ; very sweet. 15s. per 100.
- COMMANDER—A bold fruit ; free.
- COMTESSE DE FRETIAKOFF—A small-fruited variety, similar to *Royal Hautbois*, only smaller ; good cropper.
11. COUNTS—A really good old variety ; does splendidly in our fields, and produces enormous crops.
- CRIMSON CLUSTER—An American variety, said to be very early. 8s. per dozen.
12. DR. HOGG—Similar to *British Queen* ; fine variety, should be tried everywhere.
7. ELEANOR—This produces enormous crops in our fields, and is one of the best market kinds.
- ELIZA—Good old kind, similar to *Keen's Seedling*.
4. ELTON PINE—One of the best late varieties in cultivation, except *Latest of All*.
- EMPRESS EUGENIE—Good on some soils.
- FROGMORE LATE PINE—A good old late kind.
8. GROVE END SCARLET—Small, but it certainly makes the most delicious jam of any variety in cultivation ; where home-made jam is of consideration this is of great importance.
- JAMES VEITCH—Very large fruit ; in other respects inferior.
- JEWELL—An American variety ; very productive. 8s. per 100 ; in small pots, 18s. per 100.
- JOHN RUSKIN—Very early ; new. 6s. per dozen ; 30s. per 100.
- JUBILEE—Very heavy cropper ; fruit and shape good.
- KEEN'S SEEDLING—One of the best for forcing for small gardens.
- KING OF THE EARLIES—A good early kind.
- LA GROSSE SUCREE—Sweet flavour ; one of the best for forcing.
- LA MONSTROUS—A fine large variety. 5s. per 100 runners.
- LATEST OF ALL—As its name denotes, it is quite eight or nine days later than any other variety ; free, fruit large, and good cropper. 20s. per 100.
- LENNING'S WHITE—White ; juicy flavour ; fine ; distinct.
- LOXFORD HALL SEEDLING—Large ; bright crimson ; firm ; good on some soils.
- LUCAS—Very large ; does splendidly on some soils.

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- MANCHESTER**—Medium fruit; deep red; free.
- NE PLUS ULTRA**—Very useful kind.
- NOBLE**—Very early and free; fine bold fruit. Should be grown in every garden to give the two first pickings.
- OLD IRONCLAD**—Medium, bright red; good flavour and cropper.
- PAULINE**—Very early; long conical fruit; nice flavour.
- PIONEER**—Very pretty and very prolific.
5. **PRESIDENT**—One of the best; a general favourite for all purposes.
- PRESIDENT DE LA CŒUR.**
- PRINCESS ALICE**—Early; good cropper; medium size; flavour good; one of the best.
- RIFLEMAN.**
- ROYAL HAUTBOIS**—A small-fruited variety; immense cropper; good of its kind.
6. **SIR CHAS. NAPIER**—One of the very best for forcing.
3. **SIR J. PAXTON**—This is the variety so popular throughout Kent for field and market.
- TRAVELLER.**
- TRIOMPHE DE GAND**—Producing the very largest fruit of any variety that we know.
- UNSER FRITZ.**
1. **VICOMTESSE H. DE THURY**, *syn.* **GARIBALDI**—Although small, it is one of the best in cultivation to answer all general purposes, soil, and climate.
9. **WATERLOO**—The darkest coloured fruit of any, and for dessert indispensable.
- WHITE PINEAPPLE**—Blush coloured; flavour very rich and sweet; fair cropper; habit good.
- Rooted runners from fruiting plants only, 5s. per 100, except those priced; in small pots, to fruit the first season, 12s. to 14s. per 100; in 5 and 6-inch pots, for forcing, 25s. to 40s. per 100.

Special Prices per 1,000, 50,000, and 100,000.



COMPETITOR.

COMPETITOR (New 1890).

Plant hardy, vigorous, and very prolific, producing its large and handsome fruits of even size, with few small; a good doer in every respect, and a splendid Strawberry for all purposes. In colour, appearance, and quality it is many points in advance, and a worthy competitor of *Noble*.

Price £1 10s. per 100; 6s. per doz.
In small pots, half-price extra.

LAXTON'S CARDINAL (New 1890).

A very distinct new second-early variety, with large and well-shaped broadly conical fruit of exquisite flavour—probably the sweetest Strawberry yet raised. Flesh firm and creamy white in colour, scarlet externally. Plant very vigorous and quite hardy. Very fertile and continuous in bearing, the leaf stalk hairy and the foliage strong. A very useful fruit on account of its high quality, combined with size and early maturity.

Price £1 10s. per 100; 6s. per doz.
In small pots, half-price extra

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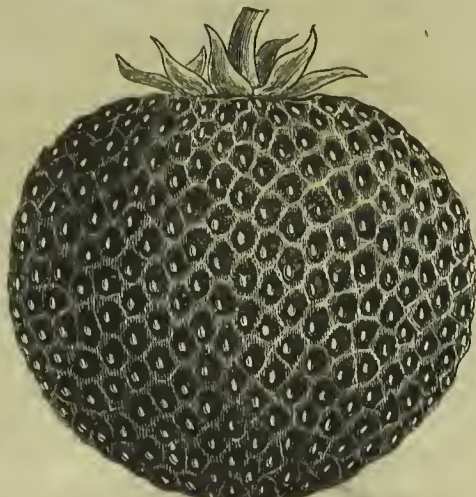
LAXTON'S WHITE KNIGHT (New 1890).

Another most distinct and richly-flavoured Strawberry, raised from *Noble* crossed by *King of the Earlies*, but is quite a break from its parents. The fruit is very large and handsome, longish conical in shape; the flavour rich and vinous, with somewhat of the *Hautbois* taste, but brisker. The flesh is quite white, and of the consistency of that of the *Hautbois*. The fruit externally is of a light scarlet colour on the upper side and white on the under side, and when partially shaded by foliage, the whole fruit frequently comes quite white, and has then a most delicious flavour. This variety is a great improvement, both in size and appearance, upon all the light-coloured or so-called white Strawberries, and will prove valuable for its high quality and distinctness. Vigorous, hardy, distinct, and a great bearer; foliage erect, deeply indented, bold and striking. A mid-season variety.

Price £1 10s. per 100; 6s. per doz. In small pots, half-price extra.



A. F. BARRON.



NOBLE.

— ❖ G A R D E N E R S ❖ —

OUR Mr. H. Cannell, Sen., gives personal daily attention to all applications for Gardeners. His wide connection, and being a large employer, makes him either personally or intimately acquainted with most of the best practical and deserving men in the country; and he would feel a real pleasure in assisting and fitting in the right man to fill situation for which any Lady or Gentleman may require him.

MR. JOHN NEALE, Sandgate, 18th December, 1891.
You will remember getting me into Sir C. Keye's place three years ago. He is, I am sorry to say, leaving here, and I should be pleased if you will again recommend me to another good place.

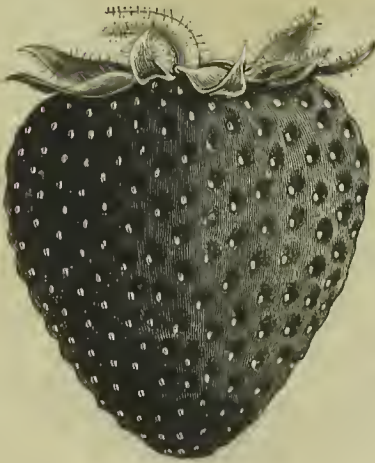
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How to prepare ground. See commencement of Strawberries.

NEW STRAWBERRIES.

SCARLET QUEEN (New 1891).



SCARLET QUEEN.

A most noble Strawberry! An earlier and better-flavoured *Paxton*, and the finest early variety yet introduced. Very early, large, bright coloured, richly flavoured, and of handsome appearance. Plant vigorous and prolific.

Scarlet Queen is a seedling from *Noble*, fertilized by *King of the Earlies*, and coming in between these two fine early sorts, both of which are some days in advance of other good Strawberries. Fruit well-formed, of handsome conical shape. Colour a bright vermilion-scarlet. *Queen-like* flavour. Habit strong, with bold foliage. Very prolific, excellent quality and appearance as a table Strawberry; its firmness, brightness, and permanency of colour especially adapt it for early market work.

Price £3 per 100; 12s. per doz.

In small pots, half-price extra.

Cannell & Sons' Complete Seed Guide.

The four accompanying illustrations represent, as plainly as a finger-post, why and how plants grow do well, and *vice versa*.



No. 1 is planted much too deep. No. 2 has its roots rammed and jammed too close together, and half drowned when the weather is wet. No. 3 is far too much above soil, nearly starved, and the life blown out of it in windy weather. No. 4, being properly and naturally planted in the right way and time, clearly illustrates its far out growing the others, or, in other words, showing right and wrong way of planting. Strawberries planted in August will bear fine large fruit the following year. Money will be coming in, all things made snappy, and the garden going on merrily. The great and most essential thing is to well trench and manure the soil. In doing this, pray never bring the bottom dead soil to the top; let it be so done that the manure is well mingled, put the soil in the same position as before. Soil cannot be too well pulverised. As an instance—in Swanley district the ground for potatoes is ploughed five times, with the result that we have the best quality of this vegetable in the world. The ploughboy says, "Potatoes must have plenty of crumb." The same remark applies to strawberries. After well preparing the soil, level and roll or tread it, and the planting done with a small spade; make sure that the roots of the plants inserted are well spread out; press the soil down firmly with the foot until the crown is just above the soil. (See No. 4.) This should be repeated fortnightly, until the plants are well established. Let there be 2 ft. 6 in. distance between each row, and 2 ft. from plant to plant. Many of our best growers in Kent will have them 3 ft. apart always, and say, "We must have fine fruit, small fruit does not pay for picking and packing." To see what is wanted, and what to avoid, just adopt the above instructions, and apply the same to all gardening operations, and the garden will be a success and pleasure. Give way to leisure and it will revert to a wilderness. If you want to succeed, let all your garden operations be guided by calmness and reason; be collected in every thing you undertake, and do all you can to assist and coax nature; dive deeply into the cause and effect—remedy is often easy if you are anxious—this being so, one can hardly stray from the right path.

☞ Strawberries, like Potatoes, are always more fruitful when given a change of soil, consequently success depends a good deal on having runners from a purely different soil.

Our Establishment being located in the midst of hundreds of acres of all the best Strawberries and Raspberries enables us to offer fine plants, and good sure-cropping kinds, at the lowest prices.

Swanley has again this season far excelled all other localities.

Col. BROCKMAN, Dodsley, Midhurst, 5th July, 1891.

"The Strawberries supplied by you year before last are giving splendid results now. Col. B. will be glad to have some more plants. Will write again shortly."

Cannell & Sons' Complete Seed Guide.

RASPBERRIES.

The kinds generally grown, and of which there are hundreds of acres in this neighbourhood.

CARTER'S PROLIFIC—A splendid kind, requires the ground well prepared and manured, otherwise it soon dies out. 2s. 6d. per dozen; 16s. per 100; 40s. per 1,000.

NORWICH WONDER—Of much stronger growth, finer fruit; a capital kind. 2s. 6d. per dozen; 16s. per 100; 40s. per 1,000.

WHITE ANTWERP—Very sweet; useful for dessert. 3s. per dozen; 18s. per 100.

NORTHUMBERLAND FILLBASKET.—3s. per dozen. 18s. per 100.

NEW KINDS.

BAUMFORTH'S SEEDLING.

LORD BERESFORD.

PRINCE OF WALES.

SUPERLATIVE.

Price on application.

AUTUMN-BEARING RASPBERRIES.

MERVELLE DES QUATRE SAISONS (Yellow October)—Freely producing fruit up to November; large and fine.

MERVELLE DES QUATRE SAISONS ROUGE (Red October)—Large branches of fruit till November.

BELLE DE FONTENAY—Red; late fruiting.

SURPRISE D'AUTOMNE—Much larger than the old Yellow October; good free.

4s. per dozen; 30s. per 100.

Miss PALEY, The Greaves, Lancaster, *February 27th, 1890.*

The seeds I had from you last year gave great satisfaction.

Mr. R. KESSELL, Gardener to A. WHITTET, Esq., Streatham Commou, S.W., *Feb. 17th, 1890.*

Your seeds have turned out well.

Mr. G. BEZZANT, Bassett Down Lodge, Wroughton, Wilts, *February 7th, 1891*

I feel it my duty to write and tell you how pleased I am with the seeds you sent me.

G. A. BEVAN, Esq., Llwyn On, Pontypool, Mon., *August 28th, 1891.*

Your seeds produced flowers of high quality, which were much admired by innumerable friends.

Mr. D. B. PLUMBLEY, Freshwater, I.W., *August 14th, 1891.*

Early in the year I had some seed from you, and my crop is so very good that I intend exhibiting same next week.

S. SNASHALL, Gardener to Mrs. Mackensy, 18, Broadwater Down, Tonbridge Wells.

I am pleased to inform you that I shall recommend my friends to you for seed.

Cannell & Sons' Complete Seed Guide.

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→* GUIDE *←

Showing the number of plants required to plant one acre at various distances apart.

Distance.	No.	Distance.	No.	Distance.	No.	Distance.	No.
Feet.		Feet.		Feet.		Feet.	
1	43,560	4	2,722	10	435	25	69
1½	19,360	5	1,742	12	302	28	55
2	10,890	6	1,210	15	193	30	48
2½	6,969	7	889	18	134		
3	4,840	8	680	20	108		
3½	3,556	9	537	24	75		



OUR PACKING DEPARTMENT.